


**Electronic torque testing device for workshops Sensotork
with calibration certificate**

Complete calibration system with matched components. Design of a calibration system:

- mechanical operating device
- measurement sensor
- USB adapter and cable
- square adapter
- testing software

On account of the modular construction everybody can set up a mechanical system to match his individual requirements. Extensions with additional components are possible at any time.

Test adapters for torque screwdrivers are also available.



Calibration device with mechanical operating device



Calibration system with test adapter for torque screwdriver

► Prices on request.

► Torque screwdrivers selection overview page 1407

Prod. Gr. 531

ATORN® Side cutter
Application:

Free view on working area. Power-saving joint with up to 30 % improved power transmission. Precise and secure gripping by finely serrated tips.

Design:

ergonomic head shape, 25° stepped: Advantageous application in all positions, lever-optimised power joint, tempered precision cutters, slim shape for long ranges. Forged, with fine-polished head, 2 component grip covers.

Ident. No. 010 standard version

Ident. No. 100 VDE type in accordance with DIN EN 60900



Ident. No. 010



Ident. No. 100

Length	mm	Side cutter
53003		180
Ident. No.		010
Unit price	€	O. R.
53003	VDE version	100
Ident. No.		O. R.
Unit price	€	O. R.

Prod. Gr. 597

wiha Inomic pliers VDE
Head shape:

Absolutely new, with parallel gripping and blade surfaces. Gripping surfaces crosswise profiled.

Design:

Head of pliers produced in MIM technology. Pliers arms moving in parallel. Angled shape. Ergonomic soft zone in handle. VDE type in accordance with DIN EN 60900.



Ident. No. 120



Ident. No. 140



Ident. No. 160



Length	mm	Side cutter	Flat-round pliers	Diagonal cutters
53031		120	140	160
Ident. No.		O. R.	O. R.	O. R.
Unit price	€			

Prod. Gr. 572

ATORN® Side cutter

DIN ISO 5746

Application: for hard and soft wire.

Design: blades induction hardened, serrated gripping surfaces.

Ident. No. 510-530 Made of special tool steel, oil-hardened, head bright burnished, PVC-dipped grips.

Ident. No. 710-730 Made of special tool steel, oil-hardened, polished, 2-component grip sleeves with hand protection. Otherwise as above.

Ident. No. 910-930 VDE version in accordance with DIN EN 60900, made of tempered tool steel, head and joint chrome plated.

Length	mm	160	180	200
Largest Ø to cut: Hard steel wire approx. 1600 N/mm ²	Ømm	1,6	1,6	1,6
53232 Head burnished	Ident. No.	510	520	530
Unit price	€	O. R.	O. R.	O. R.
53232 Head chrome-plated	Ident. No.	710	720	730
Unit price	€	O. R.	O. R.	O. R.
53232 VDE: head and joint chrome-plated	Ident. No.	910	920	930
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 597



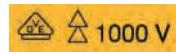
Ident. No. 510-530



Ident. No. 710-730



Ident. No. 910-930



ATORN® Pliers sets

DIN ISO 5746

Design:

Blades induction-hardened, serrated gripping surfaces. Delivery in stable plastic case.

Ident. No. 805 4-part workshop pliers set consisting of:

side cutter 180 mm, 2-component handle covers, chrome plated head
side cutter 160 mm, 2-component handle, chrome plated head
flat-round pliers 160 mm, 2-component handle, chrome plated head
water pump pliers 250 mm, with PVC dipped handle sleeves, through joint, quick adjustment, polished surface

Ident. No. 808 6-part workshop pliers set consisting of:

side cutter 200 mm, 2-component handles, chrome plated head
side cutter 160 mm, 2-component handles, chrome plated head
needle-nose pliers, straight, 200 mm, 2-component handles, chrome plated head
needle-nose pliers, curved, 200 mm, 2-component handles, chrome plated head
heavy-duty side cutter 180 mm, 2-component handles, chrome-plated head
water pump pliers 250 mm, quick adjustment, 2-component handles, chrome-plated head

Ident. No. 965 VDE pliers set DIN EN 60900, consisting of:

VDE side cutter 180 mm, 2-component handle covers, chrome plated head
VDE side cutter 160 mm, 2-component handle covers, chrome plated head
VDE flat-round pliers 200 mm, straight, 2-component handle covers, chrome plated head
VDE wire-stripping pliers 160 mm for range 0.5 to 6 mm², 2-component handle covers, chrome plated head

53232	Workshop pliers 4-part	Ident. No.	805
Set price		€	O. R.
53232	Workshop pliers 6-part	Ident. No.	808
Set price		€	O. R.
53232	VDE pliers	Ident. No.	965
Set price		€	O. R.

Prod. Gr. 597



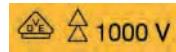
Ident. No. 805



Ident. No. 808



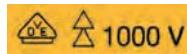
Ident. No. 965




Side cutter

DIN ISO 5746

Design: with blades for hard and soft wire, with gripping areas for flat and round material, long blades for thicker cables. Blades induction hardened; 60 HRC.
VDE type according to DIN EN 60900.



Ident. No. 205



Ident. No. 005-040



Ident. No. 210-240



Ident. No. 320-340

Length Largest Ø to cut	mm mm	110 2,5	140 2,8	160 3,1	180 3,4	200 3,8
53068 Head burnished, grips PVC-dipped	Ident. No. €	– –	005 O. R.	020 O. R.	030 O. R.	040 O. R.
53068 Head polished, 2 component grip cover	Ident. No. €	– –	– –	120 O. R.	130 O. R.	140 O. R.
53068 Head chrome-plated, 2 component grip cover	Ident. No. €	205 O. R.	210 O. R.	220 O. R.	230 O. R.	240 O. R.
53068 VDE, head chrome-plated, 2-component grip covers	Ident. No. €	– –	– –	320 O. R.	330 O. R.	340 O. R.

Prod. Gr. 535

ORION® Side cutter

DIN ISO 5746

Design: gripping surface serrated, head burnished, grips PVC dipped.

Length	mm	160	180	200
53233	Ident. No. €	160 O. R.	180 O. R.	200 O. R.
Unit price				



Prod. Gr. 593

ATORN® Heavy-duty side cutter

DIN ISO 5746

Application: for hard and soft and piano wire.

Design:

Blades induction hardened. Grip surface toothed, grips blue 35 % reduction in the force required to cut piano wires

Ident. No. 520 Made of special tool steel, oil-hardened.

Ident. No. 720 Made of special tool steel, oil-hardened.

Ident. No. 730 VDE type in accordance with DIN EN 60900, made of tempered tool steel

Length Largest Ø to cut: Piano wire approx. 2200 N/mm ²	mm Ømm	200 2,2
53236 Head burnished, grips PVC-dipped	Ident. No. €	520 O. R.
Unit price		
53236 Head chrome-plated, 2 component grip	Ident. No. €	720 O. R.
Unit price		
53236 VDE: head chrome-plated, 2 component grip	Ident. No. €	730 O. R.
Unit price		



Ident. No. 520



Ident. No. 720



Ident. No. 730


Heavy-duty side cutter

DIN ISO 5746

Design:

For hardest efforts, 35 % saving in force due to improved leverage. Blades induction-hardened; 64 HRC.

VDE type according to DIN EN 60900.



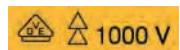
Ident. No. 500-520



Ident. No. 600-660



Ident. No. 700-720



Length Largest Ø to cut	mm mm	180 2,5	200 2,8	225 3
53068 Head burnished, grips PVC-dipped	Ident. No. €	500 O. R.	510 O. R.	520 O. R.
Unit price				
53068 Head polished, 2 component grip cover	Ident. No. €	600 O. R.	610 O. R.	620 O. R.
Unit price				
53068 Head chrome-plated, 2 component grip cover	Ident. No. €	650 O. R.	660 O. R.	–
Unit price				
53068 VDE, head chrome-plated, 2-component grip covers	Ident. No. €	700 O. R.	710 O. R.	720 O. R.
Unit price				

Prod. Gr. 535

ATORN® Flat-nose pliers

DIN ISO 5745

Design:

No. 53038 short, flat jaws, serrated gripping surfaces, without blade, made of special tool steel, oil-hardened.

No. 53040 VDE type in accordance with DIN EN 60900, short, flat jaws, serrated gripping surfaces, without blade, made of tempered tool steel.

ATORN® VDE pliers are safety tools – manufactured with highest quality standards and tested as per recognised national and international standards.



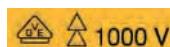
Ident. No. 510-520



Ident. No. 720



Ident. No. 900



Length		mm	140	160
53038	Head burnished, grips PVC-dipped	Ident. No.	510	520
Unit price		€	O. R.	O. R.
53038	Head polished, 2 component grip cover with hand protector	Ident. No.	–	720
Unit price		€	–	O. R.
53040	VDE, head chrome-plated, 2 component grip cover	Ident. No.	–	900
Unit price		€	–	O. R.

Prod. Gr. 597

ATORN® Round-nose pliers

DIN ISO 5745

Design:

No. 53060 short, round jaws, made of special tool steel, oil-hardened.

No. 53062 VDE type in accordance with DIN EN 60900, short, round jaws, made of tempered tool steel.

ATORN® VDE pliers are safety tools – manufactured with highest quality standards and tested as per recognised national and international standards.



Ident. No. 510-520



Ident. No. 720



Ident. No. 900



Length		mm	140	160
53060	Head burnished, grips PVC-dipped	Ident. No.	510	520
Unit price		€	O. R.	O. R.
53060	Head polished, 2 component grip cover with hand protector	Ident. No.	–	720
Unit price		€	–	O. R.
53062	VDE, head chrome-plated, 2-component grip covers	Ident. No.	–	900
Unit price		€	–	O. R.

Prod. Gr. 597

KNIPEX® Flat-nose pliers

DIN ISO 5745

Design: short, flat jaws, serrated gripping surface.

VDE type according to DIN EN 60900.



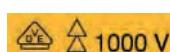
Ident. No. 010-030



Ident. No. 050-060



Ident. No. 090



Length		mm	140	160	180
53069	Head burnished, grips PVC-dipped	Ident. No.	010	020	030
Unit price		€	O. R.	O. R.	O. R.
53069	Head polished, 2 component grip cover	Ident. No.	050	060	–
Unit price		€	O. R.	O. R.	–
53069	VDE, head chrome-plated, 2-component grip covers	Ident. No.	–	090	–
Unit price		€	–	O. R.	–

Prod. Gr. 535


Round-nose pliers

DIN ISO 5745

Design: for pre-bending of wire lugs, short, round jaws, smooth tips.
VDE type according to DIN EN 60900.



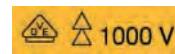
Ident. No. 100



Ident. No. 160



Ident. No. 180



Length	mm	160
53069 Head burnished, grips PVC-dipped	Ident. No.	100
Unit price	€	O. R.
53069 Head polished, 2 component grip cover	Ident. No.	160
Unit price	€	O. R.
53069 VDE, head chrome-plated, 2-component grip covers	Ident. No.	180
Unit price	€	O. R.

Prod. Gr. 535

ATORN® Radio pliers
Application:

Free view on working area. Power-saving joint with up to 30 % improved power transmission. Precise and secure gripping by finely serrated tips. WAVE profile for gentle, secure and precise positioning of sensitive workpieces.

Design:

ergonomic head shape, 25° stepped: Advantageous application in all positions, lever-optimised power joint, tempered precision cutters, slim shape for long ranges. Forged, with fine-polished head, 2 component grip covers.

Ident. No. 020 standard version

Ident. No. 110 VDE type in accordance with DIN EN 60900



Ident. No. 020



Ident. No. 110

Length	mm	Radio pliers
53003	220	020
Unit price	€	O. R.
53003 VDE version	Ident. No.	110
Unit price	€	O. R.

Prod. Gr. 597

ATORN® Flat round-nose pliers

DIN ISO 5745

Design: flat-round jaws, serrated gripping surfaces, with induction hardened blades.

Application: for hard and soft wire.

Ident. No. 500-730 Made of special tool steel, oil-hardened.

Ident. No. 910-930 VDE version in accordance with DIN EN 60900, made of tempered tool steel.

ATORN® VDE pliers are safety tools – manufactured with highest quality standards and tested as per recognised national and international standards.



Ident. No. 520



Ident. No. 730



Ident. No. 920



Version	Length	DIN ISO 5745 (formerly DIN 5236 Shape A) straight			45° bent, shape B
		140	160	200	
53092 Head burnished, grips PVC-dipped	Ident. No.	500	510	520	530
Unit price	€	O. R.	O. R.	O. R.	O. R.
53092 Head chrome-plated, 2 component grip cover	Ident. No.	–	710	720	730
Unit price	€	–	O. R.	O. R.	O. R.
53092 VDE, head chrome-plated, 2 component grip cover	Ident. No.	–	910	920	930
Unit price	€	–	O. R.	O. R.	O. R.

Prod. Gr. 597



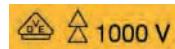
Flat round-nose pliers
with blade

DIN ISO 5745

Elastic tips: stable in form even in case of twisting

Design:

Suitable for gripping and cutting work in precision engineering, flat, round jaws, serrated gripping surfaces. blades induction-hardened; approx. 61 HRC. VDE type in accordance with DIN EN 60900.



Ident. No. 010-040



Ident. No. 130, 200, 220



Ident. No. 100, 110, 120, 205, 210



Ident. No. 300-340

Length	mm	140	160	200	
		Straight jaws	Bent jaws	Straight jaws	Bent jaws
53070	Head burnished, grips PVC-dipped	Ident. No. 010	015	020	040 030
Unit price	€	O. R.	O. R.	O. R.	O. R.
53070	Head polished, 2 component grip cover	Ident. No. 100	–	110	130 120
Unit price	€	O. R.	–	O. R.	O. R.
53070	Head chrome-plated, 2 component grip cover	Ident. No. –	200	205	220 210
Unit price	€	–	O. R.	O. R.	O. R.
53070	VDE, head chrome-plated, 2-component grip covers	Ident. No. –	310	300	340 320
Unit price	€	–	O. R.	O. R.	O. R.

Prod. Gr. 535

ORION® Flat-round pliers

Design:

Flat round jaws, tip shaped, serrated gripping surface, with blade, head polished, handles PVC-dip-coated, straight form.



Length	mm	200
Ident. No.		200
Unit price	€	O. R.

Prod. Gr. 533



Mounting and jeweller's pliers

Design:

Ident. No. 010-020 especially suitable for gripping, alignment and assembly work with higher gripping force, serrated gripping surfaces, with flat jaws.
Ident. No. 030 for delicate wire work. Fine, needle point, round jaws, precision ground, with cutter.



Ident. No. 010



Ident. No. 020



Ident. No. 030

Length	mm	200	200	130
		Round jaws	Wide jaws	Round jaws
53071	Head burnished, grips PVC-dipped	Ident. No. 010	020	030
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 535



Radio pliers

DIN ISO 5745

Design: grip surface cross-toothed

Ident. No. 100 flat, wide jaws

Ident. No. 110 flat, round jaws, especially slim, fine tips can also be used as soldering pointed pliers.

Length	mm	160
53071	Head burnished, grips PVC-dipped	Ident. No. 100
Unit price	€	O. R.
53071	Head chrome-plated, 2 component grip cover	Ident. No. 110
Unit price	€	O. R.

Prod. Gr. 535



Ident. No. 110



Electrical installation pliers

DIN EN 60900

Application:

Gripping of flat and round stock, bending, deburring, cable cutting, stripping and crimping of end sleeves.

Design:

Slim design for good access. 6 functions in one pair of pliers. With opening spring and locking mechanism.

VDE type according to DIN EN 60900.

Length	mm	200
Stripping	mm	0,75-2,5
Crimping	mm	0,5-2,5
Cuts cables up to	mm	15
53074	Head polished, grips PVC-dipped	Ident. No. 100
Unit price	€	O. R.
53074	Head polished, 2 component grip cover	Ident. No. 110
Unit price	€	O. R.
53074	VDE, head chrome-plated, 2-component grip covers	Ident. No. 120
Unit price	€	O. R.



Ident. No. 110



Ident. No. 120

Prod. Gr. 535

ATORN® Long-nose flat pliers

DIN ISO 5745

Design:

No. 53045 long, flat jaws, serrated gripping surfaces, made of special tool steel, oil-hardened.

No. 53046 VDE type in accordance with DIN EN 60900, short, flat jaws, serrated gripping surfaces, made of tempered tool steel.

ATORN® VDE pliers are safety tools – manufactured with highest quality standards and tested as per recognised national and international standards.

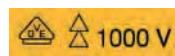

Ident. No. 500-510



Ident. No. 710



Ident. No. 910



Length	mm	140	160
53045	Head burnished, grips PVC-dipped	Ident. No. 500	510
Unit price	€	O. R.	O. R.
53045	Head chrome-plated, 2 component grip cover	Ident. No. –	710
Unit price	€	–	O. R.
53046	VDE, head chrome-plated, 2-component grip covers	Ident. No. –	910
Unit price	€	–	O. R.

Prod. Gr. 597


 Long-nose pliers
without blade

DIN ISO 5745

Design: heavy duty and wear resistant, various jaw shapes.

VDE type according to DIN EN 60900.


Ident. No. 010 and 040



Ident. No. 020 and 050



Ident. No. 030 and 060



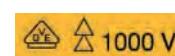
Ident. No. 100 and 110



Ident. No. 200



Ident. No. 210



Length Shape	mm	140			160		
		1	2	3	1	2	3
53072	Head burnished, grips PVC-dipped	Ident. No. 010	020	030	040	050	060
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.
53072	Head chrome-plated, 2 component grip cover	Ident. No. –	100	–	–	110	–
Unit price	€	–	O. R.	–	–	O. R.	–
53072	VDE, head chrome-plated, 2-component grip covers	Ident. No. –	–	–	200	–	210
Unit price	€	–	–	–	O. R.	–	O. R.

Shape 1: Long, flat jaws, serrated gripping surface

Shape 2: Long, flat-round jaws, serrated gripping surface

Shape 3: Long, round jaws, gripping surface smooth ground

Prod. Gr. 535

ATORN® Flat round-nose pliers and spark-plug connectors pliers, long version

DIN ISO 5745

Application: especially suitable for working in hard to reach places.

Design:

Chrome-plated, long-armed. The optimum position of the centre of rotation in relation to the overall length of the pliers guarantees secure and controlled gripping.

Version Length	mm	Straight 280	Curved 280	curved grip rings 280
53054	Ident. No.	500	520	540
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 597



Ident. No. 500



Ident. No. 520



Ident. No. 540

**ATORN® Long-nose round pliers
with long flat-round jaws**

DIN ISO 5745

Design:

No. 53066 Made of special tool steel, oil-hardened.

No. 53067 VDE type in accordance with DIN EN 60900, made of tempered tool steel.

ATORN® VDE pliers are safety tools – manufactured with highest quality standards and tested as per recognised national and international standards.



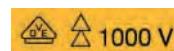
Ident. No. 500-510



Ident. No. 710



Ident. No. 900



Length	mm	160
53066	Ident. No.	510
Unit price	€	O. R.
53066	Ident. No.	710
Unit price	€	O. R.
53067	Ident. No.	900
Unit price	€	O. R.

Prod. Gr. 597

KNIPEX® Adjusting pliers

DIN ISO 5745

Design:

For gripping components and wires with small diameters, as well as for bending contact and relay springs, polished surface, edges carefully deburred.



Ident. No. 010



Ident. No. 020



Ident. No. 030

Length Shape	mm	1	2	3
53073	Ident. No.	010	020	030
Unit price	€	O. R.	O. R.	O. R.

Shape 1: flat, pointed jaws

Shape 2: flat, wide jaws

Shape 3: flat, wide jaws angled at 40°

Prod. Gr. 535

Adjustable pliers

Design:

Black powder coating, with reinforced jaw, teeth of clamping jaws induction-hardened.

For pipes up to Clamping width Length	mm	1½	2½
	mm	38	63
	mm	225	300
53410	Ident. No.	010	030
Unit price	€	O. R.	O. R.

Prod. Gr. 543



GEDORE // Gripping pliers

Design:

Made of malleable cast iron, blue enamel paint, with exchangeable plastic jaws, for surface protection.

Length	mm	300
53404	Gripping pliers	Ident. No. 010
Unit price	€	O. R.
53405	Spare pair of jaws	Ident. No. 010
Set price	€	O. R.



Prod. Gr. 557

KNIPEX // Mechanic's pliers

Design:

High bending strength of the pliers jaws/tips, head chrome plated, 2 component grip cover red/blue.

Length	mm	200
Shape		1 2
53074	Head chrome-plated, 2 component grip cover	Ident. No. 010 020
Unit price	€	O. R. O. R.

Shape 1: straight, flat-round jaws
Shape 2: flat-round jaws angled at 40°



Ident. No. 010



Ident. No. 020



Ident. No. 010

KNIPEX // Pipe gripping pliers with protective jaws
(siphon pliers, connector pliers)

Application:

Ideal for tightening and loosening plastic pipe connections, round swivel nuts etc. up to Ø 60 mm.

Design: with serrated gripping jaws, 4-way adjustable slip joint.

Ident. No. 100 Spare gentle jaws

Length	mm	230
Capacity	mm	25-60
53075	Pliers chrome-plated, grips PVC-dipped	Ident. No. 010
Unit price	€	O. R.
53075	Spare protective jaws (2 set = 4 items)	Ident. No. 100
Unit price	€	O. R.

Prod. Gr. 535

KNIPEX // Cycle pliers

Design: serrated gripping jaws, head thickness 3.5 mm

Length	mm	200
Gripping Ø	mm	6/10
Version		Straight Curved
53075	Head burnished, grips PVC-dipped	Ident. No. 200 300
Unit price	€	O. R. O. R.



Prod. Gr. 535

Parallel flat pliers

the jaws remain parallel in the full movement area

Design:

With leverage, jaws made of alloy steel, hardened, blank nickel handles. Opening of parallel jaws enables wire passage in longitudinal axes of both sides. With retracting spring.

Ident. No. 120 version with side-cutters for cutting spring and piano wire.

Version		Without side cutters		With side cutters
Length	mm	140	160	160
53056	Ident. No.	010	020	120
Unit price	€	O. R.	O. R.	O. R.



Prod. Gr. 543

VBW ● Pliers wrenchs PowerGRIP

Application:

For gripping parallel surfaces (nuts, bolts, etc.), secure and free of play

Design:

High transmission for noticeable amplification of manual force, quick setting by pressing a button directly on the workpiece. Parallel jaws without profile to protect surfaces.

Length	mm	180	250	300
Width across flats	up to max. mm	36	46	60
53074	Head chrome plated, grips PVC-dipped	Ident. No. 180	250	300
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 544



KNIPEX Pliers wrenches

Design:

quick adjustment by push of a button directly on the tool, no unintentional shifting of the gripping jaws and no slipping through the hinge. Replaces a complete set of spanners, continuous gripping of all sizes up to the specified capacity by means of parallel guided jaws. The stroke between the gripping jaws permits fast tightening and loosening of screwed connections according to the ratchet principle. High clamping force due to 10 fold manual power gain. Also for chamfering tiles.



Ident. No. 010-030



Ident. No. 090



Ident. No. 100-110

Length	mm	150	180	250	300
Width across flats	Up to mm/inch	27 / 1	35 / 1 ³ / ₈	46 / 1 ³ / ₄	60 / 2 ³ / ₈
53076	Head nickel-plated, grips PVC-dipped	Ident. No. 005	010	020	030
Unit price	€	O. R.	O. R.	O. R.	O. R.
53076	Head chrome plated, grips with two-colour 2 component grip cover	Ident. No. 090	100	110	-
Unit price	€	O. R.	O. R.	O. R.	-

Prod. Gr. 535

ATORN® Self-grip pliers with quick adjustment

Design:

Maximum flexibility by 4-step opening quick adjustment mechanism. Single-hand switch wheel integrated in grip. Ergonomic soft opening system. Matt chrome finish.

Application: clamping of round and flat stock up to 100 mm.

Length	mm	250
Max. clamping range	mm	100
53419	Ident. No. 010	
Unit price	€	O. R.

Prod. Gr. 597



Self-grip pliers

Design:

With adjusting screw and release lever, made of chrome-vanadium steel, nickel-plated.

Length	mm	180	250	300
Clamping width	mm	27	32	46
53420	Longitudinal groove in the upper jaw	Ident. No. 010	020	030
Unit price	€	O. R.	O. R.	O. R.
53420	With wire cutters	Ident. No. 040	050	060
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 543



Ident. No. 010-030



Ident. No. 040-060

Automatic self-grip pliers

Design:

With one-hand operation and automatic adjustment. Variable clamping force adjustment, patented locking system, made of chrome-vanadium steel, nickel-plated.



Ident. No. 060



Ident. No. 070



Ident. No. 100

Length	mm	161	192	230
Clamping width	mm	0-32	0-44	0-44
53421	Ident. No.	060	070	100
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 569

Self-grip pliers

Design:

With adjusting screw and release lever, longitudinal groove in upper jaw, made of chrome-vanadium steel, polished nickel-plated finish.

Length	mm	175	240	280
Clamping width	mm	25	32	45
53422	Ident. No.	175	250	280
Unit price	€	O. R.	O. R.	O. R.



Prod. Gr. 530

Self-grip pliers

Design:

With adjusting screw and release lever, made of chrome-vanadium steel, polished nickel-plated finish.

No. 53425 for profiles and bands

No. 53426 for pipes and round material

No. 53427 for bulky profiles and angles.



No. 53425



No. 53426



No. 53427

Number		53425	53426	53427
Clamping width	mm	30-90	10-90	95
Length	mm	280	280	280
Unit price	€	010	010	010
		O. R.	O. R.	O. R.

Prod. Gr. 530

Self-grip pliers

Design:

Made of high-strength steel, galvanised. Jaws made of chrome-vanadium steel, hardened, rails tempered.

Ident. No. 020-030 for continuous clamping with jaws parallel throughout clamping range, clamping force adjustable up to over 4000 N.

Ident. No. 060 Self-grip pipe pliers, for holding round objects with equal diameters, which are centred with one another by means of 2 fork-shaped clamping arms with 2 prisms each.



Ident. No. 020-030



Ident. No. 060

Clamping width	mm	100	200	110
Overhang	mm	65	65	65
53427	Ident. No.	020	030	060
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 517

GEDORE  **Self-grip pliers**
for fittings

Application: for clamping parts with sensitive surfaces.

Design: Parallel-clamping, with adjusting screw and release lever, made of tool steel, polished nickel-plated, jaws straight, serrated, hardened and tempered.

Length	mm	250
Clamping width	mm	50
53429	Ident. No.	010
Unit price	€	O. R.



Prod. Gr. 530

STAHLWILLE  **Wire-twisting pliers**

Application:

For clockwise and counter-clockwise rotations, with automatic return, for wires up to 1.6 mm.

Design:

With additional blade and diamond shaped jaws for safe fit, 40° chamfered; chrome-vanadium steel burnished, head polished.

Length	mm	230	280
53137	Ident. No.	010	020
Unit price	€	O. R.	O. R.



Prod. Gr. 531

ATORN  **Water pump pliers**
with groove joint

DIN ISO 8976 B

Design:

With channel lock joint and finger protection. Made from chromium-vanadium steel, polished, handles with PVC dip coating.

Length	mm	160	250	310
53415	Ident. No.	010	020	030
Unit price	€	O. R.	O. R.	O. R.



Prod. Gr. 597

ATORN  **Water pump pliers**
with channel-lock joint

DIN ISO 8976 C

Design:

Made of chrome-vanadium steel, painted red, corrugated grips with yellow plastic covering

Length	mm	160	250	315
53416	Ident. No.	490	500	510
Unit price	€	O. R.	O. R.	O. R.



Prod. Gr. 595

ATORN  **Water pump pliers and pipe fitting wrenches**
with channel-lock joint

Design: chrome vanadium steel, clamping protection in all settings

Ident. No. 110 Fine adjustment by means of the handle of the pliers immediately in contact with the work-piece, self-locking to pipes and nuts, single-handed operation, optimum force distribution on account of joint disc, polished surface, handles with PVC dip coating.

Ident. No. 120 Rapid adjustment with fine gradation of the 13x notching, self-locking on account of the optimised mouth design, chrome-plated surface, 2-component handle covers.

Ident. No. 130 Rapid adjustment by push button, self-locking to pipes and nuts, chrome-plated surface, handles PVC with dip coating.

Ident. No. 140 Pipe fitting wrench with removable plastic jaws, for gentle working with workpieces, surface chrome-plated, handles with PVC dip-coating, incl. protective plastic jaws

Ident. No. 150 VDE design DIN EN 60900 with quick adjustment for working on live parts. Surface chrome-plated, 2-component handle covers.

Length	mm	250
53417	Ident. No.	110
Unit price	€	O. R.
53417	Ident. No.	120
Unit price	€	O. R.
53417	Ident. No.	130
Unit price	€	O. R.
53417	Ident. No.	140
Unit price	€	O. R.
53417	Ident. No.	150
Unit price	€	O. R.



Ident. No. 110



Ident. No. 120



Ident. No. 130



Ident. No. 140



Ident. No. 150



Water pump pliers Smart Grip

Design:

Patented, fully-automatic setting on the workpiece simply by pressing the handles. The precisely adjustable joint always ensures an ergonomically favourable gripping width.

Length	mm	250
Width across flats	mm	10-36
53077	Ident. No.	025
Unit price	€	O. R.



Prod. Gr. 535



Water pump pliers Greif-Cobra with channel-lock joint

Design:

The particularly slim design of the entire head and joint area provides for convenient access to the workpiece, also at narrow places. Adjustment at the push of a button directly on workpiece.

Length	mm	250
Width across flats	mm	10-42
53078	Ident. No.	025
Unit price	€	O. R.



Prod. Gr. 535



Cobra Hightech water pump pliers interspersed joint with channel-lock joint, patented

DIN ISO 8976

Design:

Adjustment by push of a button directly on the workpiece, fast and comfortable handling. Secure locking of the hinge pin: no unintentional shifting. High sturdiness due to double guide. Self-clamping on pipes and nuts: no slipping on the workpiece, power-saving operation. Single hand adjustment. Clamping protection prevents injuries due to crushing. Favourable leverage: optimal power transmission.

VDE type according to DIN EN 60900



Ident. No. 002-080



Ident. No. 020, 040, 045



Ident. No. 050 and 055



Ident. No. 100

Length	mm	125	150	180	250	300	400	560
Width across flats	mm	27	30	36	46	60	95	120
Internal pipe diameter	inch	1	1 1/4	1 1/2	2	2 3/4	3 1/2	4 1/2
53081 Head burnished, grips PVC-dipped	Ident. No.	002	005	010	030	060	070	080
Unit price	€	O. R.						
53081 Head polished, 2 component grip cover	Ident. No.	-	-	020	040	045	-	-
Unit price	€	-	-	O. R.	O. R.	O. R.	-	-
53081 Head chrome-plated, 2 component grip cover	Ident. No.	-	-	-	050	055	-	-
Unit price	€	-	-	-	O. R.	O. R.	-	-
53081 VDE, head chrome-plated, 2 component grip cover	Ident. No.	-	-	-	100	-	-	-
Unit price	€	-	-	-	O. R.	-	-	-

Prod. Gr. 535



ATORN® Screw pliers

Design:

size between flats 10 - 36 mm, with push-through joint (13x notching), safety on account of finger protection, self-locking on account of the optimised mouth design, additional tempering of the mouth area. Will withstand extremely high loads - die formed. Slip-safe and gentle to edges on account of the play-free frictional connection. Surface chromium-plated, handles PVC dip-coated.

Length	mm	260
53417	Ident. No.	500
Unit price	€	O. R.

Prod. Gr. 597



Water pump pliers Alligator® with channel-lock joint

Design:

High sturdiness due to double guide. Self-clamping on pipes and nuts: power-saving operation, no slipping on the workpiece. Clamping protection prevents injuries due to crushing. Favourable leverage: optimal power transmission. Gripping surface with specially hardened teeth, secure gripping due to high wear resistance.

VDE type according to DIN EN 60900.



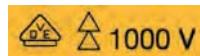
Ident. No. 500-520



Ident. No. 600-620



Ident. No. 710



Length	mm	180	250	300
Width across flats	mm	30	46	60
Internal pipe diameter	inch	1 1/4"	2"	3/4"
53081	Head burnished, grips PVC-dipped	Ident. No. 500	510	520
Unit price	€	O. R.	O. R.	O. R.
53081	Head chrome-plated, 2 component grip cover	Ident. No. 600	610	620
Unit price	€	O. R.	O. R.	O. R.
53081	VDE, head chrome-plated, 2-component grip covers	Ident. No. -	710	-
Unit price	€	-	O. R.	-

Prod. Gr. 535



Water pump pliers with groove joint

Design:

No slipping through the hinge due to milled rotating plates. Structural stress release of the hinge screw, therefore no wear of screw. Clamping protection prevents injuries due to crushing. Self-clamping on pipes and nuts

Length	mm	125	250
Width across flats	mm	14	36 / 1 5/16
53081	Head chrome-plated, grips plastic coated	Ident. No. 003	-
Unit price	€	O. R.	-
53090	Head burnished, grips PVC-dipped	Ident. No. -	010
Unit price	€	-	O. R.
53090	Head chrome-plated, 2 component grip cover	Ident. No. -	100
Unit price	€	-	O. R.



Ident. No. 010



Ident. No. 100

Prod. Gr. 535



Water pump pliers with channel-lock joint

DIN ISO 8976

Ident. No. 030 GEDORE Shape A, chrome vanadium steel, chrome plated.

Ident. No. 090-095 VBW Shape C, chrome-vanadium steel, adjustable slip joint, limiting stop, painted red, head burnished

mm	250	160
53411 GEDORE	Ident. No. 030	-
Unit price	€	O. R.
53411 VBW	Ident. No. 095	090
Unit price	€	O. R.

GEDORE = Prod. Gr. 530
VBW = Prod. Gr. 544



GEDORE



VBW



Water pump pliers with channel-lock joint S-GRIP

Design:

S-jaw shape, straight slip joint, safety finger protection, inductively hardened contact surfaces, handles plastic-coated.

Rapid adjustment by means of push button.

Length	mm	250
Gripping width max.	mm	45
53412	Ident. No. 125	125
Unit price	€	O. R.

Prod. Gr. 544



ORION® Water pump pliers
with channel-lock joint

DIN ISO 8976

Design: made of chrome vanadium steel, red painted, serrated gripping surface.

Length	mm	170	250	300
53418	Ident. No.	170	250	300
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 593


ATORN® VBW

 Pipe tongs
chrome vanadium steel
Swedish form

DIN 5234 A

For pipes and sleeves up to	inch	1	1 1/2	2	3	4	
Clamping width	mm	49	65	84	110	140	
Length	mm	310	425	540	685	815	
53430	VBW	Ident. No.	010	015	020	030	040
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.	
53430	ATORN®	Ident. No.	600	610	620	-	-
Unit price	€	O. R.	O. R.	O. R.	-	-	

VBW = Prod. Gr. 544

ATORN® = Prod. Gr. 595



ATORN

ATORN® VBW

 Elbow pipe tongs
chrome vanadium steel
Swedish form

DIN 5234 B

For pipes and sleeves up to	inch	1/2	1	1 1/2	2	3	
Clamping width	mm	36	55	81	94	110	
Length	mm	240	320	445	565	705	
53431	VBW	Ident. No.	005	010	015	020	030
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.	
53431	ATORN®	Ident. No.	-	600	610	620	-
Unit price	€	-	O. R.	O. R.	O. R.	-	

VBW = Prod. Gr. 544

ATORN® = Prod. Gr. 595



ATORN

ATORN® Elbow pipe tongs

Swedish form

DIN 5234 C

Design: s-shaped jaws, made of chrome-vanadium steel.

For pipes and sleeves up to	inch	1	1 1/2	2	
Clamping width	mm	49	68	85	
Length	mm	320	440	560	
53434		Ident. No.	600	610	620
Unit price	€	O. R.	O. R.	O. R.	

Prod. Gr. 595


GEDORE Elbow pipe tongs Eck-Schwede-snap®

DIN 5234 C

Design:

High-performance three-point pipe spanner, chrome-vanadium steel, drop-forged, hardened and tempered, toothed with additional hardening, blue stove enamelled

For pipes up to	inch	1/2	1	1 1/2	2	3	
Clamping width	mm	35	48	60	80	110	
Length	mm	245	320	420	550	630	
53432		Ident. No.	005	010	015	020	030
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.	

Prod. Gr. 557



RENNSTEIG S-jaw pipe wrench with quick adjustment

Design:

- time-saving, precise quick adjustment
- one-hand operation
- Adjustment of opening width by pushing a button directly on the workpiece
- no unintentional adjustment of the pliers arms
- high wear resistance provided by additionally hardened toothed
- high power transmission provided by fully hardened and tempered pliers arms
- integrated finger protection for prevention of crushing



For pipes and sleeves up to	inch	1"	1 1/2"
Clamping width	mm	42	60
Length	mm	325	425
53435	Ident. No.	100	150
Unit price	€	O. R.	O. R.

Prod. Gr. 543

VBW ABC pipe wrench X GRIP

DIN 5234 A,B,C

Design:

Special ergonomic high-performance design: self-locking to the workpiece, secure gripping on account of the special mouth design, three DIN forms (DIN 5234) in one pair of pliers – A, B and C 45° angled.

Ident. No. 115-160 Mouth polished, painted red

Ident. No. 315-560 Handles with anti-slip plastic coating, mouth polished, painted black



Ident. No. 125



Ident. No. 425

Clamping width	mm/inch	1" / 55	1 1/2" / 75	2" / 100
Length	mm	315	425	560
53436	Painted red	Ident. No.	115	125
Unit price	€	O. R.	O. R.	O. R.
53436	Painted black	Ident. No.	315	425
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 544

VBW Chain pipe wrenches

Design: made of special steel, jaws exchangeable, double-serrated.

For pipes	Ø Inch	1/8-1 1/2	1 1/4-2 1/2	3/4-4	1-6
Length	mm	505	685	935	1130
Chain length	mm	380	490	610	850
Weight	Kg	2,6	4,3	7,0	9,5
53440	Ident. No.	020	030	040	050
Unit price	€	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 544



Lead-sealing pliers

Design:

Nickel-plated, grip coated with plastic, colour blue, for lead seals and plastic seals.

Length	mm	150	220
For lead seals Ø	mm	9	12
53205	Lead-sealing pliers	Ident. No.	145
Unit price	€	O. R.	O. R.
Diameter x thickness	mm	9 x 4,5	9 x 5
Design/colour		Plastic/orange	Lead
Packed set	Unit	1000	1000
53210	Lead seals	Ident. No.	020
Set price	€	O. R.	O. R.

Prod. Gr. 543



Spiral wire for lead seals No. 53210

Type of delivery	On roll	Bundle 200 mm	
Version	Steel wire, galvanised	Steel wire, galvanised	Plastic, black
Thickness	0,5-0,3	0,5-0,3	0,3/0,6
Quantity	1 kg	1 kg	1000 pieces
For lead seals	Lead 9 + 12 mm	Lead 9 + 12 mm	Plastic 9 mm
53212	Ident. No.	010	020
Price/kg	€	O. R.	O. R.
Set price	€	-	O. R.

Prod. Gr. 543



ATORN® Retaining ring pliers

DIN 5254/5256

Design:

Chrome-vanadium steel, polished joint. Hardened and wear-resistant tips for secure holding of the rings.

No. 53136-53137 for internal retaining rings, for holes, grips with PVC cover, blue.

No. 53136 straight jaws, DIN 5256 C

No. 53137 angled jaws, DIN 5256 D

No. 53145-53148 for external retaining rings, for shafts, grips burnished.

No. 53145 straight jaws, DIN 5254 A

No. 53148 angle jaws, DIN 5254 B



No. 53136



No. 53137



No. 53145



No. 53148

Number		53136					53137				
Type	Ident. No.	J 0	J 1	J 2	J 3	J 4	J 01	J 11	J 21	J 31	J 41
For retaining rings Ø mm	8-13	12-25	19-60	40-100	85-140	8-13	12-25	19-60	40-100	85-140	85-140
Length mm	140	140	180	225	310	140	140	180	225	310	310
Number		53145					53148				
Type	Ident. No.	A 0	A 1	A 2	A 3	A 4	A 01	A 11	A 21	A 31	A 41
For retaining rings Ø mm	3-10	10-25	19-60	40-100	85-200	3-10	3-10	10-25	19-60	40-100	85-200
Length mm	140	140	180	225	310	140	140	180	225	310	310
Ident. No.	510	520	530	540	550	510	520	530	540	550	550
Unit price €	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 597

ATORN® Retaining ring pliers sets

DIN 5254/5256

Application: for internal and external circlips.

Delivery:

Ident. No. 010 set of 8 in box with 1 piece each of J1, J2, J11, J21, A1, A2, A11, A21

Ident. No. 020 set of 4 in roll-up pouch with 1 piece each of J2, J21, A2, A21

Ident. No. 030 set of 8 in roll-up pouch with 1 piece each of J1, J2, J11, J21, A1, A2, A11, A21

Set	8-part in box	4-part in roll-up pouch	8-part in roll-up pouch
53135	010	020	030
Set price €	O. R.	O. R.	O. R.

Prod. Gr. 597



Ident. No. 010



Ident. No. 030


KNIPEX® Retaining ring pliers
for internal and external retaining rings

Design:

Strong shape, forged, slip-proof, sturdy tips, head polished, PVC-dipped grips



Ident. No. 010-050



Ident. No. 060-100



Ident. No. 110-150



Ident. No. 160-200

Type	J 0	J 1	J 2	J 3	J 4	J 01	J 11	J 21	J 31	J 41	A 0	A 1	A 2	A 3	A 4	A 01	A 11	A 21	A 31	A 41
For retaining rings Ø mm	8-13	12-25	19-60	40-100	85-140	8-13	12-25	19-60	40-100	85-140	3-10	10-25	19-60	40-100	85-140	3-10	10-25	19-60	40-100	85-140
Length mm	140	140	180	225	320	130	130	170	210	300	140	140	180	210	320	125	125	170	200	300
53091	010	020	030	040	050	060	070	080	090	100	110	120	130	140	150	160	170	180	190	200
Unit price €	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 535



Retaining ring pliers 45° angled for internal and external retaining rings

Design:

Strong shape, forged, slip-proof, sturdy tips, head polished, PVC-dipped grips



Type	J02	J12	J22	J32	J42	A02	A12	A22	A32	A42
For retaining rings Ø mm	8-13	12-25	19-60	40-100	85-140	3-10	10-25	19-60	40-100	85-140
Length mm	140	140	180	225	310	130	130	185	210	310
53091	002	012	022	032	042	102	112	122	132	142
Unit price €	O. R.									

Prod. Gr. 535



Retaining ring pliers for grip rings (shaft)

Design:

With opening spring, strong shape, forged, slip-proof, sturdy tips, head polished, grips PVC-dipped

Type	G 0	G 1	G 2
For shafts mm	1,5-4	4-7	5-13
Length mm	140	140	140
53091	300	310	320
Unit price €	O. R.	O. R.	O. R.

Prod. Gr. 535



Ident. No. 300



Precision circlip pliers for internal and external retaining rings

Design:

Tools used made of drawn spring steel wire of highest quality, **can bear high stress in continuous use, up to 10x higher service life**. Precise, low-friction screw joint, forged. Large bearing surfaces on the tips: **no twisting of the rings, easy assembly**. Slim head of tongs for optimum access to the workpiece. Grip covered with slip-proof plastic.



Ident. No. 500-540



Ident. No. 550-590



Ident. No. 600-640



Ident. No. 650-690

Type	J 0	J 1	J 2	J 3	J 4	J 01	J 11	J 21	J 31	J 41
For retaining rings Ø mm	8-13	12-25	19-60	40-100	85-140	8-13	12-25	19-60	40-100	85-140
Length mm	140	140	180	225	320	130	130	170	210	300
53091	500	510	520	530	540	550	560	570	580	590
Ident. No.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.
For internal retaining rings	Unit price €	—	—	—	—	—	—	—	—	—
For external retaining rings	Unit price €	—	—	—	—	—	—	—	—	—
Type	A 0	A 1	A 2	A 3	A 4	A 01	A 11	A 21	A 31	A 41
For retaining rings Ø mm	3-10	10-25	19-60	40-100	85-200	3-10	10-25	19-60	40-100	85-200
Length mm	140	140	180	210	320	125	125	170	200	300
53091	600	610	620	630	640	650	660	670	680	690
Ident. No.	—	—	—	—	—	—	—	—	—	—
For internal retaining rings	Unit price €	—	—	—	—	—	—	—	—	—
For external retaining rings	Unit price €	O. R.								

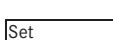
Prod. Gr. 535



Ident. No. 700



Ident. No. 710



Precision fuse tongs sets for internal and external retaining rings

Design: see No. 53091 500 to 690

Delivery:

Ident. No. 700 set of 4 in roll-up textile pouch with 1 piece each of J1, J2, A1 and A2

Ident. No. 710 set of 8 in a plastic case with foam insert with 1 piece each of J1, J2, J11, J21, A1, A2, A11 and A21

Set	4-part	
53091	Ident. No.	700
Set price €	O. R.	
Set	8-part	
53091	Ident. No.	710
Set price €	O. R.	

Prod. Gr. 535

Wiha Retaining ring pliers Magic Tips
for internal and external retaining rings

Design:

Precision tips made of high-quality steel which can bear high loads, slim head of tongs for optimum access. Head burnished, grips PVC-dipped.

Ident. No. 030-050, 080-100, 130-150, 170-200 Magic Tips: unique snap-in function which prevents the securing rings from slipping off.



Ident. No. 010-050



Ident. No. 060-100



Ident. No. 110-150



Ident. No. 160-200



Type For retaining rings Ø Length	mm mm	J 0 8-13	J 1 12-25	J 2 19-60	J 3 40-100	J 4 85-140	J 01 8-13	J 11 12-25	J 21 19-60	J 31 40-100	J 41 85-140
Ident. No. Unit price	€	010 O. R.	020 O. R.	030 O. R.	040 O. R.	050 O. R.	060 O. R.	070 O. R.	080 O. R.	090 O. R.	100 O. R.
53154											
Type For retaining rings Ø Length	mm mm	A 0 7-10	A 1 10-25	A 2 19-60	A 3 40-100	A 4 85-140	A 01 7-10	A 11 10-25	A 21 19-60	A 31 40-100	A 41 85-140
Ident. No. Unit price	€	110 O. R.	120 O. R.	130 O. R.	140 O. R.	150 O. R.	160 O. R.	170 O. R.	180 O. R.	190 O. R.	200 O. R.

Prod. Gr. 572


KNIPEX Retaining ring pliers
for internal and external rings

Design:

Strong shape, slip-proof Sturdy tips bent at 90°. With releasable locking mechanism and interchangeable tips made of tempered steel. Black atramentised.



Ident. No. 800-870

Type For retaining rings Ø Shape retaining rings	mm	J 5 122-300 Straight internal	J 6 252-400 Straight internal	J 51 122-300 Angled internal	J 61 252-400 Angled internal	A 5 122-300 Straight external	A 6 252-400 Straight external	A 51 122-300 Angled external	A 61 252-400 Angled external
Ident. No. Unit price	€	800 O. R.	810 O. R.	820 O. R.	830 O. R.	840 O. R.	850 O. R.	860 O. R.	870 O. R.
53091 Circlip pliers									
Ident. No. Unit price	€	900 O. R.	910 O. R.	920 O. R.	930 O. R.	940 O. R.	950 O. R.	960 O. R.	970 O. R.

Prod. Gr. 535

Seegering tool

for large internal and external retaining rings

Design:

- for universal use for retaining rings from Ø 400 to 1000 mm
- rings are reliably opened/closed and held by self-locking precision spindle drive
- ring is securely held by short, direct holder
- high-strength, hardened and tempered tips
- maximum opening width 250 mm
- operation, as desired, with inner hexagon key, ratchet spanner or cordless screwdriver
- replaceable pairs of tips for different diameter ranges

Delivery:

With exchangeable tips 6 and 9 mm, in stable case with foam inlay.

For retaining rings Ø	mm	400-1000
53092	Ident. No.	100
Unit price	€	(O. R.)

Prod. Gr. 535



HAZET Retaining ring pliers

DIN 5254/5256

Design:

Tips made of chrome-vanadium steel, ergonomic solid plastic body, black, with return spring.

Ident. No. 010-130 for external retaining rings, for shafts

Ident. No. 210-330 for internal retaining rings, for bores



Shape	DIN 5254 Shape A straight			DIN 5254 Shape B 90° angled			DIN 5256 Shape C straight			DIN 5256 Shape D 90° angled		
	3-10	10-25	19-60	3-10	10-25	19-60	8-11	12-25	19-60	8-11	12-25	19-60
For retaining rings Ø mm	143	140	180	130	130	172	140	140	180	133	133	170
53155 Ident. No.	010	020	030	110	120	130	210	220	230	310	320	330
Unit price €	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.
53155 Set of 8 comprising Ident. No. 020, 030, 120, 130, 210, 230, 310, 330.							800					
Set price €								O. R.				

Prod. Gr. 569

ATORN® Pincers

DIN ISO 9243 A

No. 53302 Pincers made of special tool steel, oil-hardened, head burnished, grips black phosphated.
No. 53304 Carpenters pincers made of special tool steel, oil-hardened, head burnished, grips sheathed with PVC. With a striking surface for hammering in nails.

Number	53302						53304	
	Length mm	160	180	200	250	180	200	
Length mm	500	510	520	530	500	510		
Ident. No.	O. R.							
Unit price €								

Prod. Gr. 597



No. 53302



No. 53304

VBW Double-action end cutting nippers

DIN ISO 5748

Application: for spring wire up to 2000 N/mm² (up to 52 HRC)
Design: made of chrome alloy electro-cast steel, grips painted red, blades induction-hardened, red painted, head polished.

Length	DIN ISO 5748		
	180	210	235
Largest Ø to cut: hard wire Ømm	2,25-3,5	2,5-3,5	2,75-3,5
53289 Ident. No.	180	210	235
Unit price €	O. R.	O. R.	O. R.

Prod. Gr. 544



ATORN® Metal lath pincers

Design:
Special tool steel, oil-tempered, polished, blackened. Optimum cutting performance due to favourable lever transmission. Grips blue plastic, dip coated.

Length	220	250	280
53299 Ident. No.	220	250	280
Unit price €	O. R.	O. R.	O. R.

Prod. Gr. 597



VBW Long-handled pincers 'TopCut'
Metal lath pincers

DIN ISO 9242 A

Design: made of special tool steel, oil-hardened, head burnished, grips black phosphated.

Length	224	250	280
53300 Ident. No.	510	520	530
Unit price €	O. R.	O. R.	O. R.

Prod. Gr. 544





Heavy-duty long-handled pliers, nickel-plated

Design: Superior cutting capacity requiring little muscle power through optimal transmission ratio. Special tool steel, surface entirely nickel-plated.

Length	mm	250	300
Max. cutting capacity soft wire	mm	3,3	4,5
53300	Ident. No.	025	030
Unit price	€	O. R.	O. R.



Prod. Gr. 535



DIN ISO 5748

ATORN® High leverage end cutting nippers

Application: for hard and soft and piano wire.

Design: made of special tool steel, oil-hardened, blades induction hardened.

Length	mm	160	200
Largest Ø to cut: piano wire	Ømm	2,2	2,5
53281	Head burnished, grips PVC-dipped	510	520
Unit price	€	O. R.	O. R.
53281	Head polished, 2 component grip cover with hand protector	710	720
Unit price	€	O. R.	O. R.

Prod. Gr. 597



Ident. No. 510-520



Ident. No. 710-720

KNIPEX® High leverage end cutting nippers

Application: with blades for soft, hard and piano wire.

Design:

High cutting capacity at minimum force due to optimal matching of blade angle and transmission ratio. Head polished, grips PVC-dipped.

Length	mm	140	160
Max. wire size for soft /medium hard / hard piano wire	mm	4 / 3,1 / 2 / 1,5	4,5 / 3,4 / 2,5 / 2
53063	Head burnished, grips PVC-dipped	500	510
Unit price	€	O. R.	O. R.

Prod. Gr. 535



KNIPEX® End cutting nippers

Application: With blades for soft and hard wire, also suitable for twisting and cutting of tie wire.

Design: head burnished, grips PVC-dipped.

Length	mm	160	180
Max. wire size for soft /medium hard / hard wire	mm	4 / 2,8 / 2,3	4 / 3,2 / 2,5
53063	Head burnished, grips PVC-dipped	010	020
Unit price	€	O. R.	O. R.

Prod. Gr. 535



ATORN® Diagonal cutters

Application: Free view on working area. Power-saving joint with up to 30 % improved power transmission for easy cutting of even the hardest wires. Special blade inclination angle – provides working space even when cutting close to a wall.

Design:

ergonomic head shape, 25° stepped: Advantageous application in all positions, lever-optimised power joint, tempered precision cutters, slim shape for long ranges. Forged, with fine-polished head, 2 component grip covers.

Ident. No. 030 standard version

Ident. No. 120 VDE type in accordance with DIN EN 60900



Ident. No. 030



Ident. No. 120

Length	mm	Diagonal cutters
53003	Ident. No.	030
Unit price	€	O. R.
53003	Ident. No.	120
VDE version	€	O. R.
Unit price	€	O. R.

Prod. Gr. 597

ATORN® Diagonal cutters
Swedish form

DIN ISO 5749

Application: for hard and soft wire.

Design:

No. 53249 made of special tool steel, oil-hardened, blades induction hardened.

No. 53250 VDE type according to DIN EN 60900, made of tempered tool steel, cutters induction-hardened.

ATORN® VDE pliers are safety tools – manufactured with highest quality standards and tested as per recognised national and international standards.



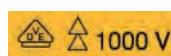
Ident. No. 400-530



Ident. No. 700-730



Ident. No. 900-930



Length		mm	130	145	165	180
53249	Head burnished, grips PVC-dipped	Ident. No.	400	510	520	530
Unit price		€	O. R.	O. R.	O. R.	O. R.
53249	Head chrome-plated, 2 component grip cover	Ident. No.	700	710	720	730
Unit price		€	O. R.	O. R.	O. R.	O. R.
53250	VDE, head chrome-plated, 2-component grip covers	Ident. No.	900	910	920	930
Unit price		€	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 597



Diagonal cutters

Application:

Precision blades for soft and hard wire. Clean cut at the blade tips, also for thin Cu wires.

Design: high quality material and precise processing for a high service life.

VDE type according to DIN EN 60900.



Ident. No. 005-030



Ident. No. 105-130



Ident. No. 205-230



Ident. No. 305-330

Length		mm	125	140	160	180
Max. wire size for soft / hard wire		mm	3 / 1,5	4 / 1,8	4 / 2,0	4 / 2,5
53095	Head burnished, grips PVC-dipped	Ident. No.	005	010	020	030
Unit price		€	O. R.	O. R.	O. R.	O. R.
53095	Head polished, 2 component grip cover	Ident. No.	105	110	120	130
Unit price		€	O. R.	O. R.	O. R.	O. R.
53095	Head chrome-plated, 2 component grip cover	Ident. No.	205	210	220	230
Unit price		€	O. R.	O. R.	O. R.	O. R.
53095	VDE, head chrome-plated, 2-component grip covers	Ident. No.	305	310	320	330
Unit price		€	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 535



Compact side cutters X-Cut
high lever transmission

Design:

Maximum stability and low weight. Dual bearing articulated axis for hardest, permanent load. High cutting capacity at minimum force. Large opening angle for thicker cables. Precise cutting even of fine CU wires.

VDE type according to DIN EN 60900.

Length		mm	160
Max. wire size for soft / hard wire		mm	4,8 / 2,7
53095	Head polished, 2 component grip cover	Ident. No.	400
Unit price		€	O. R.
53095	Head chrome-plated, 2 component grip cover	Ident. No.	410
Unit price		€	O. R.
53095	VDE, head chrome-plated, 2-component grip covers	Ident. No.	420
Unit price		€	O. R.

Prod. Gr. 535



Ident. No. 400



Ident. No. 420

ORION® Diagonal cutters

Design: head burnished, grips PVC-dipped.

Application: for hard and soft wire.

Length	mm	140	160
Ident. No.		140	160
Unit price	€	O. R.	O. R.



Prod. Gr. 593

ATORN® Heavy-duty diagonal cutters

DIN ISO 5749

Application: for piano wire and soft wire.

Design:

High cutting capacity at minimum application of force due to optimal lever transmission. For strong permanent stress.

No. 53254 made of special tool steel, oil-hardened, blades induction hardened.

No. 53255 VDE type in accordance with DIN EN 60900, made of tempered tool steel, cutters induction-hardened.

ATORN® VDE pliers are safety tools – manufactured with highest quality standards and tested as per recognised national and international standards.



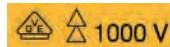
Ident. No. 510-530



Ident. No. 710-730



Ident. No. 910-930



Length	mm	160	180	200	
Largest Ø to cut: piano wire	Ømm	2,0	2,2	2,5	
53254	Head burnished, grips PVC-dipped	Ident. No.	510	520	530
Unit price	€	O. R.	O. R.	O. R.	
53254	Head chrome-plated, 2 component grip cover	Ident. No.	710	720	730
Unit price	€	O. R.	O. R.	O. R.	
53255	VDE, head chrome-plated, 2-component grip covers	Ident. No.	910	920	930
Unit price	€	O. R.	O. R.	O. R.	

Prod. Gr. 597


Heavy-duty diagonal cutters

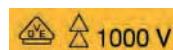
Application:

 Optimal for all types of wires including piano wire. The 250 mm long side-cutter is suitable for Cu conductors up to 16 mm² and aluminium conductors up to 35 mm².

Design:

With forged-on articulated axis for hardest, permanent load. High cutting capacity at minimum force due to optimal matching of blade angle, transmission ratio and ergonomic grip shape. Power saving 20% compared to traditional side cutters.

VDE type according to DIN EN 60900.



Ident. No. 500-530



Ident. No. 600-680



Ident. No. 700-730



Ident. No. 800-820

Length	mm	160	180	200	250	
Max. wire size for medium hard / piano wire	mm	3,4 / 2	3,8 / 2,2	4,2 / 2,5	4,6 / 3	
53095	Head burnished, grips PVC-dipped	Ident. No.	500	510	520	530
Unit price	€	O. R.	O. R.	O. R.	O. R.	
53095	Head polished, 2 component grip cover	Ident. No.	600	610	620	630
Unit price	€	O. R.	O. R.	O. R.	O. R.	
53095	Head chrome plated, grips with 2 component grip cover	Ident. No.	650	660	670	680
Unit price	€	O. R.	O. R.	O. R.	O. R.	
53095	VDE, head chrome-plated, 2-component grip covers	Ident. No.	700	710	720	730
Unit price	€	O. R.	O. R.	O. R.	O. R.	
53095	Head burnished, angled at 12°, grips plastic coated	Ident. No.	800	-	820	-
Unit price	€	O. R.	-	O. R.	-	

Prod. Gr. 535



Heavy-duty side cutters Twin-Force high lever transmission

Application:

Extremely easy, effortless cutting of all types of wire. Low cutting impact - reduces strain on hand.

Design: Optimum transmission by double joint constructions. The possibility to reset the opening width during cutting allows to cut wires with a thickness of up to 5.5 mm.

Length	mm	180
Max. wire size for soft / piano wire	mm	5,5 / 3,0
53095	Ident. No.	900
Unit price	€	O. R.

Prod. Gr. 535



ATORN® Lever side cutters and front cutters

Application: suited for hardened wire up to 2.2 mm.

Design:

Lever transmission reduces the force required by 40%, with opening spring. Head made from special steel and polished, handles with PVC dip coating.

Length	mm	160
53096	Ident. No.	005
Unit price	€	O. R.
53096	Ident. No.	010
Unit price	€	O. R.

Prod. Gr. 597



Diagonal cutters for plastics

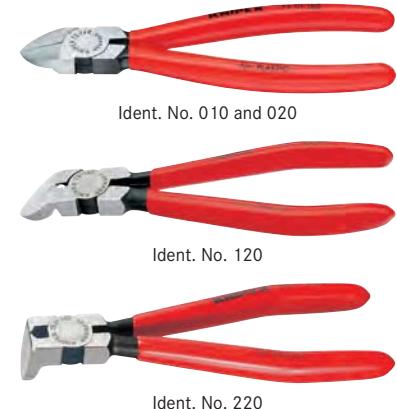
Application:

For smooth cutting off of sprues on plastic components or soft materials such as lead.

Design: face-ground blade surface. Without bevelling, with opening spring.

Length	mm	140	160
53097	Ident. No.	010	020
Unit price	€	O. R.	O. R.
53097	Ident. No.	-	120
Unit price	€	-	O. R.
53097	Ident. No.	-	220
Unit price	€	-	O. R.

Prod. Gr. 535



CoBolt compact bolt cutters

Design:

Particularly high cutting capacity at minimum force due to the type of lever design. The transmission mechanism guarantees extremely favourable leverage at very low friction. The cutting forces are over 20 times higher than the manual force employed. Power-saving of 60 % in comparison with a heavy-duty side cutter of the same length.

Ident. No. 030 with recess close to the joint to cut thicker wires.

Ident. No. 040 with head at 20° angle, with single-sided lug and cut on the side for flush cutting.

Ident. No. 050 Opening spring and lock integrated in the grip covers.

Length	mm	200
Max. wire size for soft / piano wire	mm	6,0 / 3,6
53098	Ident. No.	010
Unit price	€	O. R.
53098	Ident. No.	020
Unit price	€	O. R.
53098	Ident. No.	030
Unit price	€	O. R.
53098	Ident. No.	040
Unit price	€	O. R.
53098	Ident. No.	050
Unit price	€	O. R.

Prod. Gr. 535



VBW ● Bolt cutters Combi-Cut

Design:

Made of chrome alloy electro-cast steel, grips painted red, blades induction-hardened.

No. 53274

Design: the angled offset cutter allows all lengths to be cut

Application: for level cutting of round-steels

Length	mm	370	390
Max. cutting capacity Ø:			
19 HRC soft wire	Ømm	7	7
Medium-hard wire 40 HRC	Ømm	5	5
Hard wire 48 HRC	Ømm	4	4
	Ident. No.	010	020
53272	Bolt cutters	Unit price	€
53274	Bolt end cutters	Unit price	€

Prod. Gr. 544



bolt end cutters No. 53272



bolt end cutters No. 53274

KNIPEX Bolt cutters

Design:

Knife and joints made from forged steel, blades in addition inductively hardened, forged on stop with damper, powder-coated steel tube handle, robust 2-component handles, high cutting performance on account of optimum matching of cutting angle and transmission ratio.

Ident. No. 050 Concrete mesh cutter with angled cutter head, excellent access due to very flat construction of head and joint area. Cuts soft wire up to 11 mm

Length	mm	460	610	760	910	950
Max. cutting capacity Ø	mm	5	7	8	9	6
for hard material up to 48 HRC						
53273	Ident. No.	010	020	030	040	050
Unit price	€	O. R.				

Prod. Gr. 535



Ident. No. 020



Ident. No. 050

VBW ● Bolt and wire cutters

Design:

Drop-forged, easily-adjustable blades, blades induction-hardened. Blades and cutting head exchangeable; for soft and hard material.

Length	mm	460	610	760	910
Cutting capacity: Ø:					
up to 19 HRC	Ømm	8	9	11	13
Up to 40 HRC	Ømm	6	8	9	11
Up to 48 HRC	Ømm	5	7	8	9
53311	Ident. No.	010	030	050	070
Unit price	€	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 544



Bolt cutters

Design:

Forged cutting blades, easily adjustable, tubular steel handles, grip ends sheathed in rubber.

Length	mm	460	610	760	910
Maximum cuttable diameter:					
soft material	Ømm	8	9	11	13
Hard material up to 48 HRC	Ømm	6	8	9	10
53324	Bolt cutters	Ident. No.	200	210	220
Unit price	€	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 545



ATORN® Cable shears

Application: for copper and aluminium cable, not for steel cable

Design:

Hardened blades with precision grinding, with 2-component handle, head polished

Length	mm	160	210
Wire thickness max.		10 mm / 50 mm ²	12 mm / 70 mm ²
53093	Ident. No.	310	320
Unit price	€	O. R.	O. R.

Prod. Gr. 597



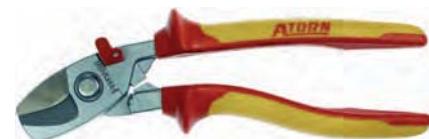
ATORN® VDE cable shears

Application: for copper and aluminium cable, not for steel cable

Design:

Angled head for optimal visibility and less strain on the wrist. Curved pulling arm – for safe gripping even of large cross-sections. Opening spring and locking on top. 2-component VDE grip covers with anti-slip protection. **VDE-type in accordance with DIN EN 60900.**

Length	mm	180	220
Wire thickness max.		18 mm/50 mm ²	25 mm/70 mm ²
53093	Ident. No.	410	420
Unit price	€	O. R.	O. R.



Prod. Gr. 597



Cable shears

Application:

Ident. No. 005 for cutting of cables up to Ø 10 mm.

Ident. No. 010 for single-strand Cu conductors up to 16 mm², multi-strand Cu conductors up to 50 mm² and fine-strand Cu conductors up to 70 mm², for multi-strand aluminium conductors up to 70 mm².

Ident. No. 010 VDE insulated type, easy cut with single hand operation due to high transmission. With clamping protection, adjustable screw joint. Non-rusting special steel, hardened and annealed.

Design:

Hardened blades with precision grinding. No crimping of the cable. **Not suitable for steel wire and hard drawn copper conductors.**

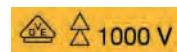
Length	mm	165	230
53099	Ident. No.	005	010
Cable shears	Unit price	€	O. R.
Cable shears, VDE-insulated	Unit price	€	O. R.



Ident. No. 005



Ident. No. 010



Prod. Gr. 535



Cable shears with adjustable screw joint, self-locking

Application:

Universal application for cutting, stripping sheathing and insulation of single or multi-strand Cu and Al cables. **Not suitable for steel wire and hard-drawn copper conductors.**

Design: hardened blades with precision grinding.

VDE type according to DIN EN 60900.



Ident. No. 010



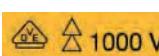
Ident. No. 012



Ident. No. 015



Ident. No. 020



Length	mm	165
Max. wire thickness.		15 mm / 50 mm ²
53100	Ident. No.	010
Unit price	€	O. R.
53100	Ident. No.	012
Unit price	€	O. R.
53100	Ident. No.	015
Unit price	€	O. R.
53100	Ident. No.	020
Unit price	€	O. R.

Prod. Gr. 535


**Cable shears
with twin cutting edge**
Application:

For single or multi-strand Cu and Al cables. **Not suitable for steel wire and hard-drawn copper conductors.**

Design:

Hardened blades with precision grinding, cuts smooth and clean without crimping. Low force required due to favourable transmission ratios and new cutter geometry with pre- and post-cut (1st and 2nd blade), cuts also cables of over Ø 20 mm. With clamping protection, adjustable screw joint, self-locking, forged.

VDE type according to DIN EN 60900.

Length	mm	200
Max. wire thickness.		20 mm / 70 mm ²
53100	Head burnished, grips PVC-dipped	Ident. No. 100
Unit price	€	O. R.
53100	Head polished, 2 component grip cover	Ident. No. 105
Unit price	€	O. R.
53100	VDE, head chrome-plated, 2-component grip covers	Ident. No. 110
Unit price	€	O. R.

Prod. Gr. 535



Ident. No. 100



Ident. No. 110



1000 V

**Cable shears
with lever transmission**
Application:

For cutting copper and aluminium cables, exchangeable cutting heads, plastic-covered grips.

Model	K 1011	K 1012	K 1051
Version	With fixed handles	With plug-in extension handles	With continuously adjustable telescopic handles
Length approx.	mm	600	930
Largest Ø to cut	mm	26	38
53337	Ident. No. 030	070	020
Unit price	€	O. R.	O. R.
53337 Cutting head as replacement	Ident. No. 130	170	130
Unit price	€	O. R.	O. R.

Prod. Gr. 545



Ident. No. 020



Ident. No. 070

Cable shears
Application:

For single or multi-strand Cu and Al cables. **Not suitable for steel wire and cable ropes.**

Design:

Hardened blades with precision grinding, cuts smooth and clean without crimping. Favourable transmission ratios due to double lever, with clamping protection. Adjustable screw joint, interchangeable, forged blade top. Head polished, grip dip-insulated, VDE-tested in accordance with DIN EN 60 900, 1000 V.

Length	mm	600
Max. wire thickness.		27 mm / 150 mm ²
53101	Ident. No. 010	
Unit price	€	O. R.

Prod. Gr. 535



1000 V


Cable shears with ratchet function
Application:

For single or multi-strand Cu and Al cables. **Not suitable for steel wire and cable ropes.**

Design:

Bending, heavy-duty telescopic grips made of aluminium oval pipe to adjust the optimum leg width and grip length (410-710 mm). Easy, clean cut due to optimised cutter geometry. Adjustable screw joint.

Length	mm	560
Max. wire thickness.		38 mm / 280 mm ²
53101	Ident. No. 020	
Unit price	€	O. R.

Prod. Gr. 535





Cable cutters

Application: For single or multi-strand Cu and Al cables. **Not suitable for steel wire and cable ropes.**

Design: Hardened blades with precision grinding, cuts smooth and clean without crimping. Single hand operation due to ratchet principle, low power required due to optimum transmission ratios. 2-speed toothed ring drive for easy cutting, simple handling due to low weight and compact design – application also possible under cramped space conditions. With clamping protection.

Ident. No. 130 and 140: with 3-stage gear rim drive, for 1-hand and 2-hand operation.

Ident. No. 110, 120, 140 VDE type in accordance with DIN EN 60900.



Ident. No. 010



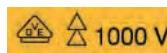
Ident. No. 020



Ident. No. 120



Ident. No. 130



Length	mm	250	280	250	280	320
Max. wire thickness.	mm	32 mm / 240 mm ²	52 mm / 380 mm ²	32 mm / 240 mm ²	52 mm / 380 mm ²	60 mm/600 mm ²
–	–	–	–	VDE version	VDE version	–
53102	Ident. No.	010	020	110	120	130
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 535

ATORN® Wire rope shears

Design:

Ident. No. 019 Shearing blade, for cutting stranded ropes. With internal spring, head polished, 2-component grips

Ident. No. 050 Shearing blade, for cutting wire ropes and cables. Steel tube handles with ergonomic plastic grips

Length	mm	190	500
Max. cutting capacity	mm	7	12
Max. cutting capacity soft wire	mm	7	12
53300	Ident. No.	019	050
Unit price	€	O. R.	O. R.

Prod. Gr. 597



Ident. No. 019



Ident. No. 050

Wire rope shears forged

Application: for all wire ropes, even those with highest resistance (piano wire).

Design: High transmission for power-saving cutting, with pressed dies for end caps. Handy, slim construction, inside opening spring. Clean cut without opening of the splice.

Length	mm	190
Max. wire thickness.	mm	2.5 mm / 7 mm ²
53102	Ident. No.	300
Unit price	€	O. R.

Prod. Gr. 535



FELCO Wire rope and cable shears

Application: For cutting wire ropes, steel cables, wires of all kinds and wire meshes. The material is cut through cleanly and without bruising.

Models C7, C9 and C12 for cutting wire cables, steel cables, wires of all types and wire gauze

Model C 16 for cutting wire cables, iron and steel wires.

Model 16 E for cutting electrical cables made of copper or aluminium with steel core.

Model C 7 grips PVC-dipped

Models C 9 - C 16 E arms made of forged light alloy with plastic grip

No. 53343 Spare pair of blades

No. 53344 Spare parts. Other spare parts on request.

Number	53340	53342				
Model	C 7	C 9	C 12	C 16	C 16 E	
Length	mm	190	325	500	630	630
Largest cuttable Ø	Ømm	5	7	8	14	For electr. cables up to Ø 20 mm
Hard steel wire ropes up to 1600 N/mm ²	Ømm	5	7	8	14	–
Extremely hard steel strands up to 2100 N/mm ²	Ømm	5	5	5	6	–
Spring steel wire	Ømm	2,5	4	4	5	–
Wire rope and cable shears	Ident. No.	010	009	012	016	020
Unit price	€	O. R.				
53343	Spare pair of blades	–	009	012	016	020
Set price	€	–	O. R.	O. R.	O. R.	(O. R.)
53344	Centre bolt for blades	–	009	012	016	
Set price	€	–	O. R.	(O. R.)	O. R.	

Prod. Gr. 546



Model C 7



Model C 9



Model C 12



Model C 16


Mitre shears
for synthetic and rubber profiles

Application:

For crimp-free cutting of plastic, rubber and soft wood profiles, also for flat cables up to 56 mm wide.

Design:

 Interchangeable cutting support with angle stop for 45° cuts and markings for 60°, 75° and 90° cuts.
Interchangeable, commercially available trapezoidal blade with opening spring and catch. Grips and blade holder made of high-strength special steel, head chromium-plated, grips with plastic grip sleeves.

Length	mm	215
Blade length	mm	56
53138	Ident. No.	010
Unit price	€	O. R.



Prod. Gr. 535

ATORN® Electronic pliers and electronic diagonal cutters

With low friction grinding double opening spring. Anti-glare phosphatised surfaces and 2-component grip sleeves enable fatigue-free and safe working even for long duration of time. Induction-hardened blades.

Application: cutting capacity diameter: Copper 0.2-2.0 mm.

Design: material of the cutting pliers C 60, blade hardness 63-65 HRC.

Material of the gripping pliers: C 45, hardness of the arms 44-48 HRC.

Ident. No. 300 set of 6 in zipper case with flat-nose pliers, round-nose pliers, straight pointed pliers, curved pointed pliers, side cutter with bevel, side cutter without bevel


Ident. No. 010



Ident. No. 020



Ident. No. 030



Ident. No. 040



Ident. No. 100



Ident. No. 130



Designation	Length mm	53027	Ident. No.	U. pr. €
Flat-nose pliers for electronics	125	010	O. R.	
Round-nose pliers for electronics	125	020	O. R.	
Pointed pliers, bent for electronics	125	030	O. R.	
Pointed pliers, straight for electronics	125	040	O. R.	
Diagonal cutters with blade bevel for electronics	112	100	O. R.	
Diagonal cutters with blade bevel and wire grip for electronics	112	110	O. R.	
Diagonal cutters without blade bevel for electronics	112	120	O. R.	
Diagonal cutters without blade bevel, without wire grip for electronics	112	130	O. R.	
End cutting nippers without blade bevel for electronics	112	140	O. R.	
Set of 6		300	O. R.	

Prod. Gr. 597



Ident. No. 300



Precision electronic pliers

Design:

With grinded, screwed joint. Alloyed ball bearing steel, forged. Ergonomic 2-component grip sleeve. Opening spring, anti-glare finish, low weight. Not suitable for Piano wire.



Ident. No. 010, 020 and 030



Ident. No. 110-120



Ident. No. 130-140



Ident. No. 150-160



Ident. No. 040



Ident. No. 050



Ident. No. 060



Ident. No. 170

Designation	Length mm	Max. cutting values in mm		53120	U. pr. €
		Soft wire	Hard wire		
Flat pliers, wide jaws, straight	130	–	–	010	O. R.
Flat-round pliers, straight	130	–	–	020	O. R.
Round pliers, pointed jaws, straight	130	–	–	030	O. R.
Flat-nose pliers ESD, flat, wide jaws	135	–	–	040	O. R.
Flat-nose pliers ESD, flat-round jaws	135	–	–	050	O. R.
Round pliers ESD, round, pointed jaws	135	–	–	060	O. R.
Diagonal cutter, round head with chamfer	125	1,5	0,5	110	O. R.
Diagonal cutter, round head without chamfer	125	1,2	–	120	O. R.
Diagonal cutter, pointed head with chamfer	125	1,3	0,4	130	O. R.
Diagonal cutter, pointed head without chamfer	125	1,0	–	140	O. R.
Diagonal cutter, mini-head with chamfer	120	1,0	0,3	150	O. R.
Diagonal cutter, mini-head without chamfer	120	0,8	–	160	O. R.
Diagonal cutter ESD, round head, small chamfer	125	1,5	0,5	170	O. R.
Diagonal cutter ESD, pointed head, small chamfer	125	1,3	0,4	180	O. R.

Prod. Gr. 535



Electronics pliers set for electronic components

Design:

Ident. No. 010 set of 7 contains 6 electronic pliers and one precision tweezers. Case made of hard-wearing plastic, pliers fixture made of elastic rubber band, zip.

Fitted with: 1 electronics side-cutter each 115 mm, with round head, with pointed head, electronics gripping pliers 115 mm, with flat jaws, with flat-round jaws, with round jaws, front-oblique cutter 115 mm.

Ident No. 020 set of 8 ESD version contains 2 electronic pliers and 5 electronic screwdrivers, practical storage box made of impact resistant plastic, with foam inlays.

Fitted with: 1 electronics gripping pliers each 115 mm, electronics side-cutter 115 mm. WERA electronics screwdrivers PH 0; PH 1; 0.40 x 2.5; 0.50 x 3.0; 0.60 x 3.5; 0.80 x 4.0.



Ident. No. 010



Ident. No. 020

Electronics pliers set:	Ident. No.	7-part	ESD 8-part
53103	Set	010	020
Set price	€	O. R.	O. R.

Prod. Gr. 535



Gripping pliers for electronics

Application:

Precision pliers for finest assembly work e. g. in electronics and precision mechanics for gripping, holding and bending.

Design:

Pushed-through precision joint, smoothly polished gripping surfaces, edges carefully deburred. Low-friction double spring for gentle and symmetrical opening, the mirror-polish offers a good rust protection in combination with a fine oil film. No malfunctions of the circuit due to peeling chrome parts, head mirror-polished, grips with 2-components grip cover.



Ident. No. 020



Ident. No. 030



Ident. No. 040



Ident. No. 060



Ident. No. 070



Ident. No. 080

Designation	Length mm	Ident. No.	53104 U. pr. €
Gripping pliers, with flat, wide jaws	115	010	O. R.
Gripping pliers, with flat-round jaws	115	020	O. R.
Gripping pliers, with round, pointed jaws	115	030	O. R.
Gripping pliers, with flat-round jaws, angled at 45°	115	040	O. R.
Gripping pliers, with flat-round long jaws	145	050	O. R.
Gripping pliers, with flat-round long jaws, angled at 45°	145	060	O. R.
Gripping pliers, with flat, wide jaws	115	070	O. R.
Gripping pliers ESD, with flat-round jaws	115	080	O. R.

Prod. Gr. 535



End cutting nippers for electronics

Application:

Precision pliers for finest cutting works, e. g. in electronics and precision mechanics.

Design:

Pushed-through precision joint, low-friction double spring for a gentle and symmetric opening. The mirror polishing offers a good rust protection in combination with a fine oil film – no malfunctions in the circuit by peeling chrome parts. Head mirror-polished, grips with two colour multi-component grip cover



Ident. No. 010



Ident. No. 040



Ident. No. 050



Ident. No. 060

Designation	Length mm	Max. wire size for soft wire mm	53105 Ident. No.	U. pr. €
End cutting nippers, bevelled	115	2,0	010	O. R.
End cutting nippers, with small chamfer	115	2,0	020	O. R.
End cutting nippers, short head with small chamfer	120	1,5	030	O. R.
Oblique end cutting nippers, short head, without chamfer for equal area cutting	115	1,3	040	O. R.
Oblique end cutting nippers, mini blades with small chamfer	120	0,6	050	O. R.
End cutting nippers ESD, with small chamfer	115	2,0	060	O. R.

Prod. Gr. 535



Diagonal cutters for electronics

Application:

Precision pliers for finest cutting works, e. g. in electronics and precision mechanics.

Design: Pushed-through precision joint, low-friction double spring for a gentle and symmetric opening. The mirror polishing offers a good rust protection in combination with a fine oil film – no malfunctions in the circuit by peeling chrome parts. Blades additionally induction-hardened, head mirror polished, grips with 2 component grip cover.



Ident. No. 010, 020, 030



Ident. No. 040



Ident. No. 050



Ident. No. 070

Designation	Length mm	Max. wire size for soft wire mm	Ident. No.	53106 U. pr. €
Diagonal cutter, round head with chamfer		0,3-1,6	010	O. R.
Diagonal cutter, round head with chamfer and wire clamp		0,3-1,6	020	O. R.
Diagonal cutter, round head without chamfer		0,3-1,3	030	O. R.
Diagonal cutter, pointed head with small chamfer		0,3-1,3	040	O. R.
Diagonal cutter, pointed head without chamfer		0,3-1,3	050	O. R.
Diagonal cutter, pointed mini-head with small chamfer	115	0,3-0,8	060	O. R.
Diagonal cutter ESD, round head with small chamfer		0,5-1,6	070	O. R.
Diagonal cutter ESD, round head with chamfer and wire clamp		0,6-1,6	080	O. R.
Diagonal cutter ESD, pointed head with small chamfer		0,5-1,3	090	O. R.
Diagonal cutter ESD, round head without chamfer		0,8-1,3	100	O. R.

Prod. Gr. 535



Super-Knips for electronics

Application:

Precision pliers for finest cutting works, e. g. in electronics and precision mechanics.

Design:

Precision-polished cutting edges without chamfer for equal-area cutting, precisely formed points also cut wires lying close to the surface Ø 0.2 mm onwards. Hinge with stainless steel rivet. Extremely easy handling for fatigue-free working with opening spring and opening limitation. Grips with 2 component grip cover.



Ident. No. 010



Ident. No. 030



Ident. No. 040



Ident. No. 070-090

Designation	Length mm	Max. wire size for soft wire mm	Ident. No.	53107 U. pr. €
Super-Knips, INOX - stainless steel		0,2-1,6	010	O. R.
Super-Knips, INOX - stainless steel, with wire clamp		0,2-1,6	020	O. R.
Super-Knips, INOX - stainless steel, cutting edges angled at 60°		0,2-1,0	030	O. R.
Super-Knips, special tool steel, burnished with narrow head	125	0,2-1,0	040	O. R.
Super-Knips, special tool steel, burnished, also for cutting glass-fibre cable		0,2-1,6	050	O. R.
Super-Knips, special tool steel, burnished with wire clamp		0,2-1,6	060	O. R.
Super-Knips ESD, special tool steel, burnished		0,2-1,6	070	O. R.
Super-Knips ESD, special tool steel, burnished with wire clamp		0,2-1,6	080	O. R.
Super-Knips ESD, INOX stainless steel, head polished		1,0-1,6	090	O. R.

Prod. Gr. 535

Diagonal cutters for electronics with opening spring, without blade bevel

Application: for cutting soft copper wires.

Design:

Made of special tool steel, hardened blades approx. HRC 55-57. Surface burnished, anti-glare, easy-action joint, with 2-component grip sleeves.

Version	Largest Ø to cut: copper wire mm	With wire grip		Without wire terminal	
		1,3 132	1,0 129	1,3 132	1,3 130
53028	Ident. No.	125	165	135	145
	€	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 543



LINDSTROM Side cutters for electronics/oblique cutters

Design:

High-alloy ball bearing steel, blades and jaws ground, black, overlaid precision joint with screw connection, plastic grip sleeves.



Ident. No. 010 - 060



Ident. No. 110, 160



Ident. No. 410

Version		Side cutter with bevel	Side cutter without bevel	Side cutter with bevel	Side cutter without bevel	Side cutter small bevel angled at 45°
Jaw shape		Oval	Oval	Oval	Pointed	angled at 45°
Length	mm	110	112,5	125	110	117,5
Largest Ø to cut: copper wire	mm	1,25	1,6	2,0	1,25	1,0
53033	Ident. No.	010	020	030	060	110
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 519

LINDSTROM Electronic pliers and side cutters

Design:

Ident. No. 010-070 ESD-type. Holding pliers with adjustable opening spring, high-quality ball bearing steel, through joint.

Ident. No. 210-260 with adjustable opening spring and very slim head. Made of high-quality ball bearing steel, burnished, induction-hardened blades. With oval jaws.



Ident. No. 010



Ident. No. 030



Ident. No. 070



Ident. No. 210, 260

Number	53033		53034		
Version	Side cutter small bevel	Side cutter without bevel	Flat-nose pliers	Round-nose pliers	Pointed pliers
Jaw shape	Oval	Oval	Rounded, straight	Round tips	angled at 60°
Length	135,5	138	146,5	146,5	155,5
Head size/-width	6/10	6/12,5	6,7/9	6,7/9	6,7/9
Largest Ø to cut: copper wire	0,1-1,25	0,2-1,25	-	-	-
Ident. No.	210	260	010	030	070
Unit price	€	O. R.	O. R.	(O. R.)	O. R.

Prod. Gr. 519

Tweezers

Made of special steel



No. 53002 510



No. 53002 540



No. 53009 550



No. 53002 520



No. 53002 570



No. 53009 560



No. 53002 530



No. 53008 520-580



No. 53009 570



No. 53009 500, 520, 530



No. 53009 540



No. 53009 580

Number	Version		Length mm	Ident. No.	U. pr. €	Set pr. €
53002	Tweezers made of special steel, hardened points, nickel-plated	Shape V short	110	510	O. R.	-
		Shape MM Swiss form	120	520	O. R.	-
		Shape HH needlepoint	120	530	O. R.	-
		Shape AA strong	130	540	O. R.	-
		Fine long tips	130	570	O. R.	-
53008	Tweezers made of special steel, with rounded tips and grooved grip ends, nickel-plated		120	520	O. R.	-
			140	540	O. R.	-
			160	560	O. R.	-
			180	580	O. R.	-
53009	Tweezers, antimagnetic, non-rusting, fine mat polished, glare free,	Fine tips, slim model	120	500	O. R.	-
		Fine tips, slim model	140	520	O. R.	-
		Strong fine tips, robust model	130	530	O. R.	-
		Sideways straight, super-fine tips	120	540	O. R.	-
		Sideways curved, super-fine tips	120	550	O. R.	-
		Strong flat rounded tips	120	560	O. R.	-
		Finest straight tips	120	570	O. R.	-
		Angled fine tips, extra strong	120	580	O. R.	-
		Set , in plastic pouch, 1 piece each of Ident. No. 500-580	800	-	O. R.	
53012	Tweezers with guide pin and angled, serrated tips	Nickel-plated	155	510	O. R.	-
		Nickel-plated, fine	145	530	O. R.	-
		Nickel-plated, fine	200	540	O. R.	-
		Non-rusting, fine	145	560	O. R.	-
		Nickel-plated, pointed, curved with pin	155	570	O. R.	-
		Nickel-plated, pointed, curved with dark blue PVC	155	580	O. R.	-
53016	Cross tweezers made of special steel, especially suitable for soldering, with hand protection, nickel-plated	With angled tips	160	510	O. R.	-
53017	Cross tweezers made of special steel, especially suitable for soldering, with hand protection, nickel-plated	Straight, square tips	155	510	O. R.	-
53020	Special steel tweezers with magnifying glass, stainless, in a case	Ø magnifying glass 30 mm, magnification 3-4 times	110	510	O. R.	-

Prod. Gr. 596



No. 53009 800



No. 53012 530, 540



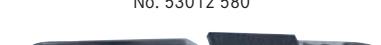
No. 53012 560



No. 53012 570, 510



No. 53012 580



No. 53016 510



No. 53017 510



No. 53020 510

Tweezers

made of stainless steel

With smooth gripping surfaces to protect components, length 145 mm.



No. 53021 800



No. 53021 810

Number	Designation	Ident. No.	U. pr. €	Set pr. €
53021	Tooling tweezers for fitting and detaching vertically-fitted components of Ø 2.5-5 mm	510	O. R.	-
	Tooling tweezers for fitting and detaching horizontally-fitted components of Ø 2.5-5 mm	520	O. R.	-
	Tooling tweezers for fitting and detaching diagonally-fitted components of Ø 2.5-5 mm	540	O. R.	-
	Gripping tweezers for flat components such as flat condensers etc.	550	O. R.	-
	Detaching tweezers with gripper for pulling out jammed components up to 10 mm, non-magnetic	560	O. R.	-
	Gripping tweezers , soft-coated, for gripping ceramic components. The coating is resistant to contact with soldering iron tips up to 300 °C	580	O. R.	-
	Titanium tweezers for electronics , pointed, 120 mm	600	O. R.	-
	PTFE tweezers , (= anti-allergy-coated), round, straight, finely serrated, 145 mm	610	O. R.	-
	Plastic tweezers , black, straight, 5.3 mm wide, heat resistant up to 220 °C, 120 mm	620	O. R.	-
	Tweezers bag, 5 pieces with electronic tweezers made of non-rusting steel Contents: 1 piece each of No. 53021 510, 520, 540, 550 & 560	800	-	O. R.
Tweezers pouch, 10 items containing plated electronic and tool tweezers. Contents: 1 piece each No. 53021 510, 520, 540, 550 and 560, 2 hardened precision tweezers, 130 and 105 mm, fine and ultra-fine tips, 1 hardened pointed tweezers, 145 mm, 1 gripping tweezers with rounded gripping ends, 145 mm, 1 elbowed assembly tweezers, 155 mm.	810	-	O. R.	
53022	Insulated tweezers curved version, hardened, narrow tips, finely serrated, length 155 mm	510	O. R.	-
	VDE insulated tweezers straight version, blunt wide tips, finely serrated, length 145 mm	520	O. R.	-
	Insulated computer tweezers made of antimagnetic stainless steel, length 130 mm	530	O. R.	-

Permanent magnetiser and demagnetiser: see No. 52650 010 page 1364.

Prod. Gr. 596


ATORN® Multi-function cutters
Application:

 Free view on working area. Power-saving joint with up to 30 % improved power transmission for easy crimping. Flat cutter for cutting cable binders and copper wires. Stripping station for 1.5 and 2.5 mm². End sleeves pressing device. Shear cutter for brass and copper screws. Bending device for rigid copper conductors.

Design:

ergonomic head shape, 25° stepped: Advantageous application in all positions, lever-optimised power joint, tempered precision cutters, slim shape for long ranges. Forged, with fine-polished head, 2 component grip covers.

Ident. No. 040 standard version

Ident. No. 130 VDE type in accordance with DIN EN 60900



Ident. No. 040



Ident. No. 130

Multi-function cutter	
Length	mm 180
53003	Ident. No. 040
Unit price	€ O. R.
53003 VDE version	Ident. No. 130
Unit price	€ O. R.

Prod. Gr. 597



Diagonal insulation strippers

Application: the indispensable pliers for electronic installation

Design:

Precision stripping punches for single strand (solid) conductors 1.5 and 2.5 mm², induction-hardened precision-cutting edges for soft wire up to Ø 4.0 mm.

VDE type according to DIN EN 60900.

Length	mm	160
Stripping values	mm	1,5+2,5
53 108	Head polished, 2 component grip cover	Ident. No. 010
Unit price	€	O. R.
53 108	VDE, head chrome-plated, 2-component grip covers	Ident. No. 020
Unit price	€	O. R.

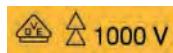
Prod. Gr. 535



Ident. No. 010



Ident. No. 020



Cabling pliers

Application:

The ideal pliers for cabling work for gripping and bending wires. For cutting soft, medium hard and hard wires. For stripping and crimping end sleeves.

Design:

Precision blades additionally induction-hardened, with precision-stripping punches.

Length	mm	160
Stripping value	mm	0,5-0,7 / 1,5 / 2,5
53 109	Head burnished, grips PVC-dipped	Ident. No. 010
Unit price	€	O. R.
53 109	Head polished, 2 component grip cover	Ident. No. 020
Unit price	€	O. R.

Prod. Gr. 535



Ident. No. 010



Ident. No. 020

ATORN® Triple pliers

combination flat-round pliers – wire-stripping pliers – crushing pliers

Application:

For cutting, bending and stripping wires, crimping cable connections and bending lugs.

Design:

Made of tempered tool steel, cutters induction-hardened. Head chrome-coated, 2 component grip cover with hand protector.

Length	mm	160
Shape		Straight Curved
53586	Ident. No.	650 700
Unit price	€	O. R. O. R.

Prod. Gr. 597



Ident. No. 700

ATORN® Wire-stripping pliers with spiral spring

Application:

For stripping individual wires from 0.5 up to 6 mm², with adjusting screw and locking nut.

Design:

No. 53570 500 Special tool steel, oil-hardened, with spiral spring. Head burnished, grips PVC-dipped.

No. 53572 650 Special tool steel, oil-hardened, with spiral spring. Head burnished, chrome plated, 2 component grip cover with hand protector

No. 53572 700 VDE type in accordance with DIN EN 60900, made of tempered tool steel, head and joint highly polished.

ATORN® VDE pliers are safety tools with the highest quality standard. Head and joint chrome plated.



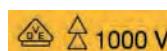
No. 53570 500



No. 53572 650



No. 53572 700



Number		53570		53572
Length	mm	160	160	160
Ident. No.		500	650	700
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 597



Wire-stripping pliers

Application:

Ident. No. 015 to cut and insulate fine strand conductors up to 1.0 mm

Ident. No. 010-030 for single, multi and fine strand conductors with plastic or rubber insulation, max. Ø 5.0 mm or 10 mm² cross-section.

Design:

Easy setting to the desired wire or strand diameter due to knurled screws and counter nuts, with opening spring.

VDE type according to DIN EN 60900.



Ident. No. 010



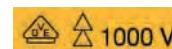
Ident. No. 015



Ident. No. 020



Ident. No. 030



Length	mm	130	160
Stripping values	mm	Ø 0.5 mm / 0.03-1.0 mm ²	Ø 5 mm / 10 mm ²
53110	Head burnished, grips PVC-dipped	Ident. No. -	010
Unit price	€ -	€ -	O. R.
53110	Head polished, 2 component grip cover	Ident. No. 015	020
Unit price	€ O. R.	€ O. R.	O. R.
53110	VDE, head chrome-plated, 2-component grip covers	Ident. No. -	030
Unit price	€ -	€ -	O. R.

Prod. Gr. 535



Cable and stripping knives

Design: insulated multi-component grip, VDE-tested to IEC 60900 DIN EN 60900

Ident. No. 010 with stable, straight-edged fixed blade, transparent protection cap

Ident. No. 020 stable, fixed hooked blade, crescent-shaped, with sliding shoe on the tip of the blade

Blade length	mm	50	38
Overall length	mm	185	155
53604	Ident. No. 010	020	
Unit price	€ O. R.	O. R.	

Prod. Gr. 535



Ident. No. 010



Ident. No. 020

ORION® Cable knives

Design: grips fully-insulated conforming to VDE 1000 V, with protective cap, DIN EN 60900.



Ident. No. 010



Ident. No. 020

Version	Blade length	Ident. No.	U. pr. €
Cable knife with straight blade, fixed	50	010	O. R.
Cable knife with curved blade and sliding block	40	020	O. R.

Prod. Gr. 598

ATORN® Working and electrician's knives

Design:

Ident. No. 010 stainless serrated blade. Blue anti-slip plastic grips, blade locking by pushbutton, blade blocking

Ident. No. 020 stainless blade with 2 notches for stripping PVC cables. Red anti-slip plastic grips, blade locking

Version	Work knives	Electrician's knives
Overall length	mm 190	mm 191
53603	Ident. No. 010	020
Unit price	€ O. R.	O. R.

Prod. Gr. 582



Ident. No. 010



Ident. No. 020

ORION® Cable knives



No. 53610 010



No. 53615 010



No. 53617 010



No. 53619 010

Number	Version	Ident. No.	U. pr. €
53610	Fixed blade	010	O. R.
53615	Tilting with wooden handle	005	O. R.
53615	Blade with double scraper, black plastic grip	010	O. R.
53617	2-part, blade, awl	010	O. R.
53619	4-part, large and small blade, screwdriver, awl, with brass inlay	010	O. R.

Prod. Gr. 598

ORION® Cable knives

Application: for stripping sheathing from all common types of round cables, including waterproof cables.

Design:

Cutting depth adjusted using adjusting screw at end of handle. The rotating inner blade automatically changes over to longitudinal cutting after the circumferential cut. Ergonomically shaped handle.



Ident. No. 010, 020



Ident. No. 022



Ident. No. 026

Version	For cable Ø mm	Ident. No.	53631 U. pr. €
Without pre-cutting blade	4-16	010	O. R.
Without pre-cutting blade	8-27	020	O. R.
With hooked blade, for twin and flat cables	4-28	022	O. R.
With straight blade	4-28	024	O. R.
With hooked blade extendable	4-28	026	O. R.

Prod. Gr. 598

ORION® Wire-stripping tools

Application: for stripping conductor cross sections of 0.5-6.0².

Ident. No. 020 fully-insulated, with integrated length scale from 8-20 mm. Automatic gauging system adjusts to the conductor cross section. With lateral cutter up to 6-mm 2.

Ident. No. 030 Wire-stripping and crimping in one tool. Automatic gauging system- adjusts to the conductor cross section. Crimping/pressing ranges: 0.5-2.5 mm² and 4.0-6.0 mm , integrated side-cutters up to 6²mm².

Designation	Mini-Duo	Dual-purpose crimp
53592	020	030
Unit price	€ O. R.	€ O. R.

Prod. Gr. 593



Ident. No. 020



Ident. No. 030

»JOKARI® original Micro precision stripping tool PWS-PLUS

Design: 6 pre-adjustable cross sections with cable cutters and longitudinal stop.

Length For wire Ø Weight	mm mm g	100 0,12-0,40 34,5	100 0,25-0,80 34,5
53550	Ident. No.	001	002
Unit price	€	€ O. R.	€ O. R.

Prod. Gr. 543



»JOKARI original Stripping and dismantling devices

Design:

Ident. No. 010 universal stripper for stripping of all common round cables of 8-13 mm

 Ident. No. 021 Super-stripper for stripping all common 8-13 mm round cables and with contour blade for stripping of fine wires of 0.2-4 mm²

Ident. No. 031 dismantling and stripping tool for coaxial cable 4.8-7.5 mm

Ident. No. 035 cable-stripping knife for stripping of all common round cables of 4-16 mm

Ident. No. 036 cable-knife for stripping of all common round cables of 8-28 mm

Ident. No. 037 cable-knife for stripping of all common round cables of 27-37 mm

Ident. No. 038 cable-stripping knife for stripping of all common round cables of 35-50 mm

Ident. No. 040 cable stripping knife with a pre-stripping knife with a hook blade for all round cables of 8-28 mm



Ident. No. 010

Ident. No. 021

Ident. No. 031

Ident. No. 035-036

Ident. No. 037-038

Ident. No. 040

Model	No. 12	No. 15 Secura	No. 1 Secura Coaxi	No. 16 Secura	No. 27 Secura	No. 35	No. 50	No. 28 H Secura
Length mm	124	124	98	132	132	150	170	170
For cable Ø mm	8-13	8-13	4,8-7,5	4-16	8-28	27-37	35-5	8-28
53562	Ident. No. 010	021	031	035	036	037	038	040
Unit price €	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 543

Weidmüller Dismantling tools
 for fatigue-free working by ergonomic handle design

Design:

Can be adjusted for spiral cutting of hard insulation. Self-clamping holding bracket, variable cutting depth setting. Blades can be rotated for longitudinal cutting.

Model		AM 16	AM 25
For PVC round cable	Ømm	6-17,3	6-25
53564	Ident. No.	030	010
Unit price	€	O. R.	O. R.
53564	Spare knives = 2 pieces	Ident. No.	100
Set price	€	-	O. R.

Prod. Gr. 543



Ident. No. 030

Automatic wire-stripping pliers

Application:

 Conductor of 0.2-6 mm² / AWG 24-10 automatically adjusts to the different conductor cross sections.

Design:

Pliers with narrower head for stripping in restricted conditions, with wire cutter.

Length	mm	180
53111	Ident. No.	010
Unit price	€	O. R.

Prod. Gr. 535



Ident. No. 010

Weidmüller Automatic wire-stripping pliers

Application:

 For stripping conductors with PVC insulations. With inbuilt wire cutter. Automatic blade adjustment to any conductor from 0.08-1.0 mm². Wire-stripping length adjustable from 2.5-7.0 mm.

Design: housing made of glass fibre reinforced polyamide.

Model		Mini-duro-stripax
Length	mm	135
53582	Ident. No.	010
Unit price	€	O. R.

Prod. Gr. 543



ORION® Automatic wire-stripping pliers
 self-adjusting
Application:

For 0.2-6.0 mm² conductor cross section. To strip all flexible and solid conductors, through narrow mouth of tongs also suitable for places difficult to reach. No damage to external insulation due to a special gauging system.

Design:

Hardened stripping and cutting blades made of high-quality steel. With built-in side cutter for wires up to max. Ø 2 mm. Fully-insulated, sturdy version made of glass fibre reinforced polyamide. With ergonomically improved handles and additional locking device.

Length	mm	200
Longitudinal stop, adjustable from	mm	5-12
53580	Ident. No.	500
Unit price	€	O. R.



Prod. Gr. 593

ATORN® Automatic wire-stripping pliers
Application:

For stripping conductors with PVC insulations. With cable cutters and longitudinal stop. The blades automatically adapt to the conductor cross section.

Design: with 3 stage insulation thickness setting.

Length	mm	200
Conductor cross section	mm ²	0,08-6
53585	Ident. No.	010
Unit price	€	O. R.



Prod. Gr. 597

»JOKARI® original Automatic wire strippers
Design:

Ident No. 010 automatic scanning system, no adjustment of the cable cross-section is necessary. Additional side cutter for cable up to 2.5 mm², adjustable length stop 5 to 15 mm, ergonomic handle.

Ident. No. 020 automatic adaptation to the cross-section of the conductor, optical length stop up to 20 mm.

Model		Super No. 4 - Plus	No. 7
Conductor cross section	mm ²	0,2-6,0	6,0-16,0
Length	mm	165	166
53586	Ident. No.	010	020
Unit price	€	O. R.	O. R.

Prod. Gr. 543



Ident. No. 010



Ident. No. 020

Weidmüller  Automatic wire-stripping pliers
Application:

For stripping conductors with PVC insulations. With built-in cable cutter for cross sections up to 6 mm² and hand protection.

Design:

Automatic blade adjustment to any conductor cross-section. Fibreglass-reinforced polyamide case.

Model		stripax	stripax 16
Conductor cross section	mm ²	0,08-10,00	6,00-16,00
Length	mm	190	190
53584	Ident. No.	010	020
Unit price	€	O. R.	O. R.
53584	Stripping knife as spare	100	120
Unit price	€	O. R.	O. R.

Prod. Gr. 543





Automatic wire-stripping pliers patented

Application:

- automatic adaptation to the conductor cross-section in order not to damage the conductor
- Stripping knife, exchangeable
- Longitudinal stop, adjustable

Ident. No. 005 for a single, multiple and fine-wire conductor with plastic or rubber insulation. With wire cutter.

Ident No. 010 gripping jaws from steel with integrated cutting edge for perfect stripping of insulation also from slippery cables. Top handle with soft plastic insert for more comfort.

Length	mm	200	195
Conductor cross section	mm ²	0,03-10,0	0,03-10,0
53112	Stripping tongs	Ident. No.	005
Unit price	€	O. R.	O. R.
53112	Replacement blades block	Ident. No.	095
Unit price	€	O. R.	O. R.

Prod. Gr. 535



Ident. No. 005



Ident. No. 010



Precision wire-stripping pliers with shaped blades particularly suitable for PTFE, patented

Application:

Precise knife shapes prevent damage to the conductor and permit a trouble-free stripping of difficult-to-remove insulation materials as Teflon®, silicone and rubber.

Design:

With new stripping mechanism. With adjustable longitudinal dead limit, 4 exchangeable knives. Low-friction mechanism, compact shape and light design, handy and with ergonomically shaped grips. With stop and cable guide, opens automatically after the stripping operation. Conductor cross section 0.03 to 2.08 mm².

Length	mm	195
53113	Ident. No.	010
Unit price	€	O. R.
53113	Stripping knife as spare	Ident. No.
Unit price	€	O. R.

Prod. Gr. 535



ATORN® Crimping pliers for end sleeves

Application:

Ident. No. 001 and 003 for wire end sleeves from 0.25 to 2.5 mm²

Ident. No. 002 and 004 for wire end sleeves from 0.25 to 16 mm²

Design: characterised trapezoidal profiles for secure crimping of sleeve and conductor

Length	mm	145	180
53145	Head polished, grips PVC-dipped	Ident. No.	001
Unit price	€	O. R.	O. R.
53145	Head polished, 2 component grip covers	Ident. No.	003
Unit price	€	O. R.	O. R.

Prod. Gr. 597



Ident. No. 002



Ident. No. 004

ATORN® Crimp assortment for end sleeves

Design:

With crimping pliers for end sleeve 0.5-4 mm², with dipped handle sleeves, voltage tester, 100 insulated cable end sleeves each 0.5/0.75/1.5/2.5 mm² and 50 pieces 4 mm²

53125	Ident. No.	010
Set price	€	O. R.

Prod. Gr. 597





Crimping pliers for end sleeves

Ident. No. 010 for crimping end sleeves DIN 46228 part 1+4 in the range 0.25 to 2.5 mm². Grouting in characterised trapezoidal profiles for the secure connection of sleeve and conductor. Capacity: 0.25 to 2.5 mm².

Ident. No. 015 VDE-design according to DIN EN 60900, otherwise same as Ident. No. 010.

Ident. No. 020 for crimping end sleeves DIN 46228 part 1+4 in the range 0.25 to 16 mm². Grouting in characterised round headed profiles for the secure connection of sleeve and conductor. Capacity: 0.25 / 0.5 / 0.75-1.0 / 1.5 / 2.5 / 4.0 / 6.0 / 10.0 / 16.0.

Ident. No. 120 with front introduction, for crimping end sleeves DIN 46228 part 1+4 in the range of 0.25 to 6 mm².



Ident. No. 010



Ident. No. 015



Ident. No. 020



Ident. No. 120

Length	mm	145	145	180	180
53114	Ident. No.	010	015	020	120
Unit price	€	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 535

ATORN® Crimping pliers

Design:

Lever system with unlockable forced stop. Ergonomically designed plastic grips for fatigue-free work. Readjustable crimping pressure.

Ident. No. 005 for cable-end sleeves with plastic collars. Processing from the front.

Ident. No. 010-020 for insulated and non-insulated cable-end sleeves. Trapezoidal crimping.

Ident. No. 100 for insulated cable lugs and connectors.



Ident. No. 005



Ident. No. 010-100

Crimping pliers

basic and self-grip crimping pliers

Application:

For producing solder-free electrical connections. Pressing of cable lugs, cutting and stripping of insulated cables.

Design: made of special steel, burnished.

Ident. No. 505 Crimping single pliers for crimping non-insulated flat plugs and insulated cable lugs.

Ident. No. 515 Crimping single pliers for crimping non-insulated connectors.

Version		Plastic coated, yellow, with bolt cutter	Plastic coated, blue, with bolt cutter
Cutting performance insul. Wire max.	mm ²	0,5-4,0	0,5-6,0
Wire-stripper for conductor cross section	mm ²	185	205
Crimping cable lugs	mm ²	0,5-1/1,5-2,5 4-6	0,5-1/1,5-2,5 4-6
Cutting off bolts		M 2,6-M 5	M 2,6-M 5
Length	mm	240	225
53505	Ident. No.	505	515
Unit price	€	O. R.	O. R.

Prod. Gr. 580



Ident. No. 505



Ident. No. 515

WEZAG® Lever action crimping pliers with insulation station

Design:

Integrated, unlockable forced stop for high-quality crimp quality. Insulation station integrated in the grip to insulate and to cut.

Ident. No. 600 to process insulated contacts. Conductor and insulation crimp in one work step. Symmetric pressing. Fixed mounted jaws with 3 sections (red, blue, yellow)

Ident. No. 610 to process non-insulated contacts with open crimp sleeve, such as for example flat plugs and flat plug-in sleeves with a plug width of 2.8/4.8/6.3 and 9.5 mm. Fixed mounted jaws with 4 sections.

Ident. No. 620 to process non-insulated cable lugs and tube cable lugs with closed crimp sleeve. Fixed mounted jaws with 4 sections.



Ident. No. 600



Stripping station

Type		CK 90-441	CK 90-65	CK 90-66
Conductor cross section	mm ²	0,5-6,0	0,25-6,0	0,25-6,0
	AWG	20-10	24-10	24-10
53505	Ident. No.	600	610	620
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 580

WEZAG® Crimping tool for end sleeves with and without insulation collar
 frontal conductor entry

Design:

Ergonomic and balanced shape, perfect handling due to pistol grip. Automatic cross section adjustment, optimised square pressing. Unlockable forced lock to secure a complete crimping process. Max. sleeve length 18 mm.

Type		AE 24
Conductor cross section	mm ² AWG	0,25-6,0 24-10
53506	Ident. No.	200
Unit price	€	O. R.

Prod. Gr. 580


Klaucke® Mechanical crimping pliers for end sleeves

A Textron Company
Design:
Ident. No. 010 -030

- mandrel pressing for round clamp opening
- lateral sleeve introduction
- precise cross-sectional allocation
- ergonomic handle

Ident. No. 040-050

- trapezoid compression suitable for box terminals
- lateral sleeve introduction
- precise cross-sectional allocation
- one pressed profile per cross-section
- with locking mechanism

Model		K4	K3	K35	K28	K29
Pressing range	mm ²	0,5-2,5	2,5-16	10-35	10-50	50-95
Length	mm	150	180	230	335	335
53500	Ident. No.	010	020	030	040	050
Unit price	€	O. R.				

Prod. Gr. 579



Ident. No. 010



Ident. No. 030



Ident. No. 040

Klaucke® Mechanical crimping pliers for pipe cable lugs and connectors

Design:
Ident. No. 100

- precise cross-sectional allocation, curb pressing
- with locking mechanism, spring-supported opening of tool

Ident. No. 110

- rotatable profile discs, hexagon pressing
- precise cross-sectional allocation, effort-saving drive

Ident. No. 120

- rotatable profile discs, edge pressing
- precise cross-sectional allocation, effort-saving drive

Model		K2	K05	K5
Pressing range	mm ²	0,75-16	6-50	6-50
Length	mm	325	390	390
53500	Ident. No.	100	110	120
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 579



Ident. No. 100



Ident. No. 110

Klaucke® Cable retraction technology

A Textron Company
Design:

Nylon fish tape with pressed elastic tip and pulling eye

Belt length	m	10	15	20
Diameter	mm	4	4	4
53507	Ident. No.	010	020	030

Prod. Gr. 579





Lever action crimping pliers

Design:

Constantly high crimping quality due to precision profiles and forced stop (unlockable). Crimping pressure is precisely adjusted (calibrated) in the factory. Two-handed operation for easy crimping of large conductor cross-sections.



Range of application		Insulated cable lugs and plug and socket connector	Cable end sleeves	Coax, BNC and TNC-plug and socket connector RG 58, RG 59 / 62 / 71	Non-insulated cable lugs and plug and socket connector	Cable end sleeves
Conductor cross section	mm ²	0,5-6	10 / 16 / 25	-	0,5-10	35+50
	AWG	20-10	7 / 5 / 3	-	20-7	2+0
Length	mm	250	250	250	250	250
53 115	Ident. No.	010	020	030	040	050
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 535



Lever action crimping pliers for single-hand operation

Application:

For standard, solder-free electrical connections. Constantly high crimping quality due to precision profiles and unlockable forced stop.

Design:

Crimping pressure is precisely adjusted (calibrated) in the factory, high power gain due to leverage for fatigue-free operation.



Range of application		Non-insulated rail connector	Non-insulated cable lugs and plug and socket connector 2.8	Non-insulated, open plug and socket connector 2.8+4.8	Non-insulated, open plug and socket connector 4.8+6.3	Insulated cable lugs and plug and socket connector	Cable end sleeves
Conductor cross section	mm ²	1,5-10,0	0,5-10,0	0,1-2,5	0,5-6,0	0,5-6,0	0,5-6,0
	AWG	15-7	20-7	27-13	20-10	20-10	20-10
Length	mm	220	220	220	220	220	220
53 116	Ident. No.	010	020	030	040	050	060
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 535



Crimping pliers for end sleeves self-adjusting

Application:

Ident. No. 010 Square crimping, conductor cross section 0.08-10 mm²/28-7 AWG

Ident. No. 020 Hexagonal crimping, conductor cross section 0.08-6 mm²/28-10 AWG

Design:

Lateral insertion of the cable-end sleeves into the tool, easy handling due to self-adjustment to the sleeve size. Constantly high crimping quality due to forced stop (unlockable). Crimping pressure is precisely adjusted (calibrated) in the factory. Square crimping for optimum contact surface.



Length	mm	180
53 117	Square crimping	Ident. No. 010
Unit price	€	O. R.
53 117	Hexagonal crimping	Ident. No. 020
Unit price	€	O. R.

Prod. Gr. 535



Crimping pliers with magazine of exchange profiles 'MultiCrimp'

Design:

Set comprising pliers and rapid change magazine. Consistent crimp quality on account of precision profiles and finely graded, unlockable positive lock. Easy exchange of the crimping profiles without additional tools. Secure storage of the exchangeable profiles in a rotary magazine.

Ident. No. 100 with 3 exchange inserts for non-insulated open plug and socket connectors (4.8 + 6.3 mm width) of 0.5 - 6.0 mm², insulated cable lugs and plug and socket connectors of 0.5-6.0 mm², cable end sleeves of 0.25-6 mm²

Ident. No. 110 with 5 exchangeable inserts, in addition to those contained in Ident. No. 100: for uninsulated cable lug plug connectors 0.5-10.0 mm², and for uninsulated closed end connectors of 1.5 --10.0 mm².



Length	mm	250
53 117	With exchange magazine and 3 exchangeable inserts	Ident. No. 100
Unit price	€	O. R.
53 117	With exchange magazine and 5 exchangeable inserts	Ident. No. 110
Unit price	€	O. R.

Prod. Gr. 535



Crimping pliers for end sleeves self-adjusting

Design:

Front insertion of the cable-end sleeves into the tool, easy handling due to self-adjustment to the sleeve size with square crimping for optimum contact surface in clamped connection. Constantly high crimping quality due to forced stop (unlockable). Crimping pressure is precisely adjusted (calibrated) in the factory. Grouting of 0.08-10.0 mm² and 16.0 mm² in a profile with selector lever for setting the crimping area 0.08-10 or 16 mm² / 28-7 + 5 AWG.

Length	mm	190
53118	Ident. No.	010
Unit price	€	O. R.

Prod. Gr. 535



Ident. No. 010



Crimping pliers for Western connectors

Design:

For cutting and stripping of flat, non-screened telephone cables, by press-mounting of 6-pole and 8-pole Western plug connectors type RJ 11/12 and type RJ 45. Precise crimping process by means of parallel crimping

Length	mm	190
53118	Ident. No.	100
Unit price	€	O. R.

Prod. Gr. 535



End sleeve / cable lug / shrink tube assortment

Design: end sleeves and plug-type connectors insulated (plastic collar)

Ident. No. 010 with 2200 pieces of end sleeves from 0.5 to 16 mm²

Ident. No. 020 with 600 ring-type cable lugs, pin-type cable lugs, rail connectors flat blade connection sleeves from 0.5 to 6 mm²

Ident. No. 030 Shrink tube assortment with 220 pcs cut tubes, in 8 sizes, for conductors from 1 to 16 mm, shrink tubes with shrink rate 3:1, shrinking temperature 90 °C and higher, dielectric strength 20 KV, insulation class VDE 0530, self-extinguishing

Delivery: in the sturdy universal case.



Ident. No. 010



Ident. No. 020



Ident. No. 030

53127	Wire end sleeve assortment	Ident. No.	010
Set price		€	O. R.
53127	Cable lug assortment	Ident. No.	020
Set price		€	O. R.
53127	Shrink tube assortment	Ident. No.	030
Set price		€	O. R.

Prod. Gr. 543

Weidmüller Crimping pliers

Design:

For cable end sleeves with or without plastic collars, lateral conductor insertion (Ident. No. 010, 020), forced stop for correct, complete crimping.

Ident. No. 005 Conductor insertion from the front

Ident. No. 015 Rotating die for inserting the sleeve from front or from the side

Ident. No. 050 for insulated cable lugs and connectors

Model		PZ 3	PZ 4	PZ 6 roto	PZ 16	CTI 6 G
For cable-end sleeves	mm ²	0,5 - 6,0	0,5 - 4,0	0,14 - 6,0	6 - 16	-
For connectors	mm ²	-	-	-	-	0,5 - 6,0
Length	mm	200	200	200	200	250
53510	Ident. No.	005	010	015	020	050
Unit price	€	O. R.				

Prod. Gr. 543



Thomas & Betts Cable joining tongs

Application: for processing plastic cable binders

Design: ergonomic pliers with adjustable tensioning, **rotating head**, automatic cutting mechanism.



Ident. No. 050



Ident. No. 120

Type For cable binder width	mm	ERG 50 2,4-4,8	ERG 120 4,8-7,6
53528	Ident. No.	050	120
Unit price	€	O. R.	O. R.

Prod. Gr. 543

Weidmüller Cable joining tongs

Design:

310 g light-weight machining tool for cable fixers. Light metal housing, length 160 mm.

For cable binder width	mm	2,4 - 4,8
53529	Ident. No.	010
Unit price	€	O. R.

Prod. Gr. 543



Cable binder cutters

Design:

The problem solver – no more damaged cables during the cutting of the cable ties. The special cutting design ensures the quick and safe cutting. Suitable also for CU cables. With opening spring and lock.

Length	mm	150
Max. cutting capacity	mm	10
53529	Ident. No.	100
Unit price	€	O. R.

Prod. Gr. 598



Ident. No. 100



Sapi Selco Cable fixers with plastic or metal tongue

Application: can be used in a temperature range of -40 °C and +85 °C.

Design: made of halogen-free polyamide 6.6.

Ident. No. 110-180 Colour nature, with plastic tongue

Ident. No. 210-280 Colour black, UV resistant, with plastic tongue

Ident. No. 310-360 Colour nature, with metal tongue (steel nose)

Ident. No. 410-460 Colour black, UV resistant, with metal tongue (steel nose)

Box qty.: 100 pieces in poly bag

Dimensions L x W	mm	2,5 x 100	2,5 x 200	3,5 x 140	3,5 x 280	4,5 x 186	4,5 x 360	7,5 x 360	9 x 550	12,5 x 1000
53529 nature with plastic tongue	Ident. No.	110	120	130	140	145	150	160	170	180
Price/pack	€	O. R.								
53529 Black with plastic tongue	Ident. No.	210	220	230	240	245	250	260	270	280
Price/pack	€	O. R.								
53529 Nature with metal tongue	Ident. No.	310	–	330	–	345	350	360	–	–
Price/pack	€	O. R.	–	O. R.	–	O. R.	O. R.	O. R.	–	–
53529 Black with metal tongue	Ident. No.	410	–	430	–	445	450	460	–	–
Price/pack	€	O. R.	–	O. R.	–	O. R.	O. R.	(O. R.)	–	–



Ident. No. 110-180



Ident. No. 210-280

Prod. Gr. 543

Detachable cable binder – Click Ties

Application: reusable many times

Design:

High flexibility even during severe fluctuations in the temperature. Largely resistant to chemicals. Self-releasing nylon according to UL94 V2. Colour red.

Box qty.: 100 pieces in poly bag

Dimensions L x W mm	3,8 x 240	4,4 x 320	5,6 x 500
53529 Ident. No.	500	510	520
Price/pack €	O. R.	O. R.	O. R.

Prod. Gr. 543



Three-pin crimping pliers

Application: for setting wires and cables with 1.5-28 mm outerØ.

Design: injection moulded plastic.

For sleeves mm	A 0-A 1 Up to 4.5	A 1-A 3 Up to 9	A 2-A 5 Up to 15	A 5-10 Up to 28
53160 Ident. No.	006	016	026	030
Unit price €	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 543



ATORN® 3 K machinist's hammers

Application:

Vibration-free impact for less strain on the joints of the user's arms, ergonomic and slip-proof handling

Design:

With unbreakable 3-component handle (aluminium core, polyamide and rubber component), forged-on protective collar and additional handle sleeve.



Sectional model

Weight without handle Kg	0,300	0,500	1,000	1,500	2,000
51180 Ident. No.	030	050	100	150	200
Unit price €	O. R.				

Prod. Gr. 520

ATORN® Fitter's hammers German Form

DIN 1041

Design: polished striking surface, with hickory wood handle, varnished in part.

Safety features:

- hammer head DIN 1041, forged, hardened and tempered
- hammer handles DIN 5111, extremely rigid
- extended hammer head eye with additional plastic handle sleeve
- head and handle are connected via a safety ring wedge



Weight without handle Kg	0,200	0,300	0,400	0,500	0,600	0,800	1,000	1,500	2,000
51188 Ident. No.	510	520	530	540	550	560	570	580	590
Unit price €	O. R.								

➡ Spare handles see No. 51246 page 1480.

Prod. Gr. 520

HALDER Engineering hammers MaxxCraft

Design:

The revolution of the smith hammer! Recoil-damped: Vibration load reduced by 68 % when striking steel objects, 24 % more striking power compared to usual smith hammers. The special connection between the hammer head and the handle provides for a non-detachable, low-vibration unit. This is ideal tool for fatigue-free working spares the joints of the user's arm.

Weight without handle Kg	0,300	0,500	0,800	1,000
51181 Hammer Ident. No.	603	605	608	610
Unit price €	O. R.	O. R.	O. R.	O. R.
51181 Replacement handle Ident. No.	703	705	708	710
Unit price €	(O. R.)	O. R.	O. R.	O. R.

Prod. Gr. 521



GEDORE Protective covers
for polyethylene engineering hammers

For weight	Kg	0,300	0,500	0,800	1,000
51183	Ident. No.	030	050	080	100
Unit price	€	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 558



GEDORE Engineering hammers ROTBAND-PLUS
DBGM Patent No. 0703045

DIN 1041

Design:

With the safest possible connection between the wooden handle and the hammer head. The sleeve, ring shaped wedge, safety plate and the wooden screw transform the hammer head and wooden handle into a single unit.

Safety features:

- hammer head DIN 1041, forged, hardened and tempered
- **hickory wood handle**, DIN 5111, extremely rigid
- protective sleeve for the handle, ring-shaped wedge, safety plate and wooden screw

With the standard hickory wood handle any DIN 1041 hammer head can be converted to a safety hammer, with all the above advantages.



Weight without handle	Kg	0,100	0,200	0,300	0,400	0,500	0,600	0,800	1,000	1,500	2,000
51184 Hammer	Ident. No.	410	420	430	440	450	460	480	500	515	520
Unit price	€	O. R.									
51184 Spare handle *	Ident. No.	610	620	630	640	650	660	680	700	715	720
Unit price	€	O. R.									

* Including protective sleeve for handle, ring-shaped wedge, safety plate and wooden screw.

Prod. Gr. 558

ORION Fitter's hammers
German Form

DIN 1041

Design:

Working surfaces polished, with impregnated and varnished **ash wood handle**, double-flared, equipped with safety ring with shaped wedges.



Weight without handle	Kg	0,100	0,200	0,300	0,400	0,500	0,600	0,800	1,000	1,500	2,000
51180	Ident. No.	500	510	520	530	540	550	560	570	580	590
Unit price	€	O. R.									

► Spare handles see No. 51246 page 1480.

Prod. Gr. 593

GEDORE Fitter's hammers
with glass fibre handle and hardened protective sleeve



Design:

Hammer head and handle secured with a special adhesive, firm and durable and from 1 kg with additional head stability. A non-slip moulded rubber hand grip on the handle makes it suitable for all kinds of work.

The **glass fibre handles** are **unbreakable** and to a large extent damage resistant. They are also impervious to weathering and unaffected by chemicals in everyday use.

Weight without handle	Kg	0,200	0,300	0,400	0,500	0,600	0,800	1,000	1,500	2,000
51185	Ident. No.	020	030	040	050	060	080	100	150	200
Unit price	€	O. R.								

Prod. Gr. 558

ORION Engineering hammers CARBOTEC

DIN 1041

Design:

CARBOTEC handle permanently joined to the hammer head. Handle from special plastic with glass fibre core and two carbon fibres. Extremely torsion-resistant and unbreakable.

Weight without handle	Kg	0,200	0,300	0,500	1,000	2,000
51186	Ident. No.	020	030	050	100	200
Unit price	€	O. R.				

Prod. Gr. 520



ORION Roofing hammers
Southern German shape

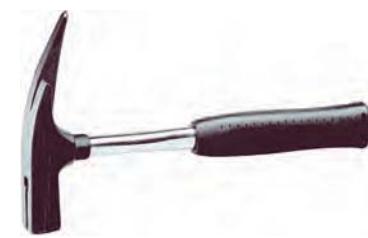
DIN 7239

Design:

With a **steel tube handle**, rubber grip, handle safety device, nail holder and roughened face, with extremely powerful magnet.

Weight with handle	Kg	0,600
51190	Ident. No.	010
Unit price	€	O. R.

Prod. Gr. 593



GEDORE Forge hammer GuStaV
with steel tube reinforced rubber handle

Design:

Extremely sturdy, low-vibration and next to unbreakable. Rubber handle reinforced by hardened steel tube inside. Hammer head and steel tube are bonded into one unit – for extra security. Two ribbed grip zones. Hammer head ground and transparent lacquered.



Weight without handle	Kg	5,000
Handle length	mm	900
51193	Ident. No.	500
Unit price	€	O. R.

Prod. Gr. 558


GEDORE Forge hammers
German Form

DIN 1042

Design: entirely smooth ground, black finish, working surfaces polished, **with an ash wood handle**.

Weight without handle	Kg	3,000	4,000	5,000	6,000	8,000	10,000
51194	Ident. No.	030	040	050	060	080	100
Unit price	€	O. R.					

► Spare handles see No. 51249 page 1480.

Prod. Gr. 558


GEDORE Forge hammers ROTBAND-PLUS
DBGM Europe Patent No. 0703045

DIN 1042

Design:

With the safest possible connection between the wooden handle and the hammer head. The sleeve, ring shaped wedge, safety plate and the wooden screw transform the hammer head and wooden handle into a **single unit**.

Safety features:

- hammer heads DIN 1042, forged, hardened and tempered
- **hickory wood handle**, DIN 5111, extremely rigid
- protective sleeve for the handle, ring-shaped wedge, safety plate and wooden screw

With the standard hickory wood handle any DIN 1042 hammer head can be converted to a safety hammer, with all the above advantages.

Weight without handle	Kg	3,000	4,000	5,000	6,000	8,000	10,000
51194 Hammer	Ident. No.	530	540	550	560	580	600
Unit price	€	O. R.					
51194 Replacement handles*	Ident. No.	730	740	750	760	780	800
Unit price	€	O. R.					

* Including protective sleeve for handle, ring-shaped wedge, safety plate and wooden screw.

Prod. Gr. 558


OCHSENKOPF Forestry axes and wood splitting hammers

Design:

With patented ROTBAND-PLUS handle fastening and extra long handle-protection sleeve.

Ident. No. 010 Universal Gold forestry axe with finely polished axe head and hickory handle in cow foot pattern.

Ident. No. 020 Professional wood splitting hammer BIG OX with forged hammerhead and extra large striking surface. Hickory handle in knob form.

Delivery: with blade protection

Head weight	g	1250	3000
Total weight	g	2100	4630
Overall length	mm	700	900
Blade width	mm	130	70
51195	Ident. No.	010	020
Unit price	€	O. R.	O. R.

Prod.-No. 579



Ident. No. 010



Ident. No. 020

ORION® Sledge hammers
German Form

DIN 6475

Design:

Entirely smooth ground, black finish, working surfaces polished. With a lacquered ash wood handle.

Weight without handle	Kg	1,000	1,250	1,500	2,000
Handle length	mm	260	280	280	300
51196	Ident. No.	010	020	030	040
Unit price	€	O. R.	O. R.	O. R.	O. R.

► Spare hickory wood handles see No. 51247 page 1480.

Prod. Gr. 593



**Copper hammers
in sledge hammer shape**

No. 51197 drawn copper rod material, sharp edges removed. Handle from hickory wood. CU hardness about 80-100 HB.

No. 51199 from beryll copper, double-strengthened, HB 80/10 cold-formed, complete with hickory handle, with ring wedge. Weight inserted in the head. DIN hammer eye. The striking face and the edges are smoothed.

Weight without handle	Kg	0,250	0,500	0,750	1,000	1,500	2,000	3,000	5,000
Handle length	mm	300	320	350	360	380	400	900	900
	Ident. No.	025	050	075	100	150	200	300	500
51197	Unit price	€	O. R.	—	—				
51199	Unit price	€	O. R.						

Prod. Gr. 520



No. 51197



No. 51199

Aluminium hammers

Design:

Cylindrical shape, aluminium alloy to European standard 2011 T6, hardness 80/100 HB. Hickory handle, DIN hammer eye, head ring-wedged.

Weight without handle	Kg	0,25	0,50	0,75	1,00	1,50
Head dimensions Ø x Length	mm	40 x 80	50 x 100	60 x 100	60 x 130	70 x 140
Handle length	mm	300	320	350	360	380
51202	Ident. No.	025	050	075	100	150
Unit price	€	O. R.				

Prod. Gr. 520



Mallets

DIN 5128

Design: with painted ash wood handle. Hard quality, approx. 90 Shore A.

Head Ø	mm	40	54	64	74	90
Weight without handle	Kg	0,11	0,22	0,39	0,59	0,94
51204	Mallets	Ident. No.	010	020	030	040
Unit price	€	O. R.				

Prod. Gr. 520



Plastic hammers

Design: made of cellulose acetate with ash wood handle; hardness: medium, colour: yellow

Head Ø	mm	22	27	32	35	40	50
Length of head	mm	73	88	96	103	105	115
51207	Plastic hammers	Ident. No.	522	527	532	535	540
Unit price	€	O. R.					
51207	Spare heads cellulose acetate	Ident. No.	722	727	732	735	740
Price/pair	€	O. R.					

Prod. Gr. 520



**HALDER Small nylon hammers
recoilless**

Application: for particularly delicate straightening work, precisely measured impact

Head Ø	mm	20	30	40
Length	mm	150	155	160
Weight	Kg	0,220	0,460	0,820
51219	Small nylon hammers	Ident. No.	020	030
Unit price	€	O. R.	O. R.	O. R.
51224	Nylon inserts	Ident. No.	220	230
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 521



ATORN® Soft-faced hammers
recoilless

Application:

Powerful impact on metal, and gentle on muscles and joints due to its freedom of recoil.

Design:

Impact heads made of shatterproof polyurethane, exchangeable. Precision steel tube handle, powder-coated. Ergonomically designed rubber handle. Hammer body filled with cast iron balls for recoilless work.

Head Ø	mm	30	40	50
Length of head	mm	116	126	136
Overall length	mm	351	376	386
Total weight	Kg	0,46	0,58	0,76
51208 with steel tube handle	Ident. No.	300	400	500
Unit price	€	O. R.	O. R.	O. R.
51208 Spare insert made of polyurethane, blue (moderately hard)	Ident. No.	330	440	550
Unit price	€	O. R.	O. R.	O. R.



Prod. Gr. 520

Wiha Soft-face hammers
recoilless

Application:

It is particularly suited to aligning workpieces on machine tables. Saves arms and muscles from becoming overtired, as the return stroke is reduced.

Design:

Polyurethane heads, yellow, higher ductility than nylon, shatterproof. The impact force, as a result of the metal shot in the hammer head, is double that of a standard hammer.

Design: with a hickory wood or steel tube handle with rubber grip.



Ident. No. 025-070



Ident. No. 125-160

Head Ø	mm	25	30	35	40	45	50	60	70
Length of head	mm	108	115	118	125	130	135	165	165
Overall length	mm	320	350	355	375	380	385	420	430
Weight	Kg	0,32	0,46	0,58	0,76	1,00	1,25	2,00	2,6
51221 With hickory wood handle	Ident. No.	025	030	035	040	045	050	060	070
Unit price	€	O. R.							
Overall length	mm	288	290	300	305	310	365	375	-
Weight	Kg	0,52	0,6	0,70	0,85	1,06	1,4	2,05	-
51221 With steel pipe handle and rubber grip	Ident. No.	125	130	135	140	145	150	160	-
Unit price	€	O. R.	-						
51221 Inserts made of polyurethane, yellow (moderately hard)	Ident. No.	225	230	235	240	245	250	260	270
Unit price	€	O. R.							
51221 Hickory handles	Ident. No.	425	430		440		450	460	
Unit price	€	O. R.	O. R.		O. R.		O. R.	O. R.	

Prod. Gr. 539

HALDER Soft-face hammers Supercraft
recoilless

Design:

With exchangeable nylon inserts, fatigue-free working spares the joints of the user's arm. The full impact force is transmitted to the workpiece. The wear-resistant nylon reduces the impact noise during the machining of metal.

No. 51223 125-160 with steel pipe and ergonomically shaped rubber handle

No. 51224 120-160 with hickory handle

No. 51224 440-460 with ergonomically shaped, easy grip 3-component handle

Head Ø	mm	20	25	30	35	40	50	60
Length of head	mm	105	105	110	110	115	120	145
Overall length	mm	—	270	290	295	300	310	325
Weight	Kg	—	0,37	0,58	0,70	0,85	1,20	1,78
51223 Hammers with steel pipe handle	Ident. No.	—	125	130	135	140	150	160
Unit price	€	—	O. R.					
Overall length	mm	300	305	330	325	360	370	370
Weight	Kg	0,23	0,30	0,43	0,55	0,75	1,00	1,70
51224 Hammers with hickory handle	Ident. No.	120	125	130	135	140	150	160
Unit price	€	O. R.						
Overall length	mm	—	—	—	—	370	380	390
Weight	Kg	—	—	—	—	0,78	1,09	1,66
51224 Hammers with 3-component handle	Ident. No.	—	—	—	—	440	450	460
Unit price	€	—	—	—	—	O. R.	O. R.	O. R.
51224 Nylon inserts	Ident. No.	220	225	230	235	240	250	260
Unit price	€	O. R.						
51224 Hickory handles	Ident. No.	325		330		340		360
Unit price	€	O. R.		O. R.		O. R.		O. R.



No. 51223 125-160



No. 51224 120-160



No. 51224 440-460

Prod. Gr. 521

HALDER Forge hammers Supercraft
recoilless

Design: with nylon insert and hickory handle

Head Ø	mm	80	100
Length of head	mm	200	210
Overall length	mm	880	1000
Weight	Kg	4,00	7,00
51224 Hammers with hickory handle	Ident. No.	580	600
Unit price	€	O. R.	O. R.
51224 Nylon inserts	Ident. No.	780	800
Unit price	€	O. R.	O. R.
51224 Hickory handles	Ident. No.	810	820
Unit price	€	O. R.	O. R.



Ident. No. 580

Prod. Gr. 521

ORION Soft-face hammers
recoilless
With hickory wood handle

Design: with metal shot in the hammer head, polyurethane heads, shatterproof.

Head Ø	mm	30	40	50
Length of head/overall length	mm	115/350	125/375	135/385
Weight	Kg	0,45	0,75	1,25
51215 Soft-face hammers with hickory wood handle	Ident. No.	510	520	530
Unit price	€	O. R.	O. R.	O. R.
51217 Inserts made of polyurethane, blue (moderately hard)	Ident. No.	510	520	530
Unit price	€	O. R.	O. R.	O. R.
51221 Hickory handles	Ident. No.	430		440
Unit price	€	O. R.		O. R.



No. 51215 and 51227 = Prod. Gr. 593

No. 51221 = Prod. Gr. 539

HALDER Ferroplex combination hammers

Application: for flexible assembly work – engineering hammer and soft face hammer in one tool

Design:

With engineering hammer side made of hardened and tempered steel and soft face hammer side with exchangeable nylon impact insert. Ergonomically shaped rubber handle.

Head Ø	mm	30	35
Overall length	mm	290	295
Weight	Kg	0,6	0,8
51224	Ident. No.	900	901
Unit price	€	O. R.	O. R.



Prod. Gr. 521


Soft-face hammers SIMPLEX

with Robinia wood handle, annealed cast iron clamping assembly housing, and various impact inserts

Selection for cost-effective use of inserts:

- **composite rubber, black:** medium impact force, hardness approx. 95 Shore A
- **nylon, white:** for the hardest impact, great striking force. Good notch impact strength. Impervious to grease and oil.
- **super plastic, white:** medium hard impact, good tension. Enormous notch impact strength (at least 1100 Ncm/cm²), does not become dislodged, particularly when striking edges. Impervious to grease and oil, and resistant to acids and alkaline solutions
- **soft metal, silver:** highest possible impact force, made from an AlCu special alloy
- **plastic, red:** impact force, oil and grease resistant, universal application



No. 51225-229



No. 51230



Head Ø	mm	30	40	50	60	80
Length of head/overall length	mm	90/300	110/330	135/350	145/405	175/490
51225 Hammers with 2 composite rubber inserts	Ident. No.	030	040	050	060	080
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.
51226 Hammers each with 1 composite rubber insert and 1 super plastic insert	Ident. No.	030	040	050	060	-
Unit price	€	O. R.	O. R.	O. R.	O. R.	-
51227 Hammers with 2 nylon inserts	Ident. No.	030	040	050	060	080
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.
51228 Hammers each with 1 composite rubber insert and 1 plastic insert	Ident. No.	030	040	050	060	-
Unit price	€	O. R.	O. R.	O. R.	O. R.	-
51229 Hammers each with 1 composite rubber insert and 1 nylon insert	Ident. No.	030	040	050	060	080
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.
51230 Composite rubber inserts (medium hard), colour black	Ident. No.	030	040	050	060	080
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.
51230 Nylon inserts (hard), colour white	Ident. No.	130	140	150	160	180
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.
51230 Plastic inserts (hard), colour red	Ident. No.	230	240	250	260	-
Unit price	€	O. R.	O. R.	O. R.	O. R.	-
51230 Super plastic inserts (moderately hard), colour white	Ident. No.	330	340	350	360	380
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.
51230 Soft metal inserts (hard), colour silver	Ident. No.	430	440	450	460	480
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.
51231 Annealed cast iron housing, strong, also for violent impacts	Ident. No.	130	140	150	160	180
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.
51234 Wooden handles	Ident. No.	030	040	050	060	080
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.

➔ Soft face hammers with larger head Ø on request.

Prod. Gr. 521


Soft-face hammers
recoilless

Design:

Completely coated in plastic. Hammer body filled with steel balls. Temperature-resistant from -20 °C to +90 °C.

Head Ø	mm	30	35	45	50	60
Weight	Kg	0,270	0,385	0,620	0,860	1,340
51237	Ident. No.	030	035	045	050	060
Unit price	€	O. R.				



Prod. Gr. 520

ORION® Wooden hammers
made of hornbeam

Design: with metal covering, smooth turned, ash wood handle.

Head Ø	mm	50	60	70	80
Length of head	mm	100	120	140	160
Overall length	mm	280	300	320	350
Weight	Kg	0,20	0,30	0,55	0,85
51243	Ident. No.	050	060	070	080
Unit price	€	O. R.	O. R.	O. R.	O. R.



Prod. Gr. 593

Handles

Made of Europlus hardwood, DIN 68340 quality class A

No. 51246 Handles for hand-held and engineering hammers in accordance with DIN 5111, double flared shape, waxed, with embossing for hammers with eyes in accordance with DIN 1195.



No. 51247 Sledge hammer handles in accordance with DIN 5135, flared shape, waxed, with embossing, for hammers with eyes in accordance with DIN 1195.

Number	Length mm	51246										51247		
		260	280	300	310	320	330	350	360	380	400	260	280	300
Length mm	16 x 10	18 x 11	21 x 12	24 x 14	26 x 15	27 x 16	29 x 17	31 x 18	33 x 20	37 x 22	Up to 2.00	31 x 18	33 x 20	37 x 22
Eye dimensions mm	0,10	0,20	0,30	0,40	0,50	0,60	0,80	1,00	1,50	1,0	1,0	1,5	1,5	2,0
For hammer weights from Kg														
Ident. No.	260	280	300	310	320	330	350	360	380	400	260	280	300	
Unit price €	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 520

Forge hammer handles

Made of Europlus hardwood, DIN 68340 quality class A

Design: waxed, with embossing, for forge hammers with eyes to DIN 1195.

Length mm	Eye dimensions mm	600		700		800		900	
		42 x 24	2,5-3,0	42 x 24	4,0	47 x 28	5,0-6,0	52 x 32	8,0-10,0
Length mm	16 x 10	18 x 11	21 x 12	24 x 14	26 x 15	27 x 16	29 x 17	31 x 18	33 x 20
Eye dimensions mm	0,10	0,20	0,30	0,40	0,50	0,60	0,80	1,00	1,50
For hammer weights from Kg									
Ident. No.	060	070	080	090					
Unit price €	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.



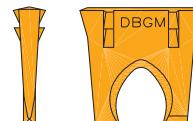
Prod. Gr. 520

Safety devices for hammer handles for optimal safety

Single and in set = 36 assorted units.

Wedge width mm	For hammer weights from Kg	13		18		22		28		31		34	
		0,10-0,20	0,25-0,40	0,50-0,80	1,00-1,50	1,75-2,00	3,00-5,00	0,10-0,20	0,25-0,40	0,50-0,80	1,00-1,50	1,75-2,00	3,00-5,00
Ident. No.	010	020	030	040	050	060							
Unit price €	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.							
51250 Set of 36 units				100									
Set price €					O. R.								

Prod. Gr. 520



GEDORE Flat and cross-cut chisels

DIN 6453/6451

Design: made of chrome vanadium molybdenum steel. Impact head hardened and tempered, shaft varnished.

Version	Length mm	Flat chisel				Cross-cut chisels			
		125	150	175	200	250	125	150	175
Length mm	125	150	175	200	250	125	150	175	200
Blade width mm	15	18	21	24	25	5	6	7	8
Cross-section mm	14 x 9	17 x 11	20 x 12	23 x 13	23 x 13	14 x 9	17 x 11	17 x 11	20 x 12
Ident. No.	010	020	030	040	050	210	220	230	240
Unit price €	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 558



Flat chisel



Cross-cut chisels

ORION® Flat and cross-cut chisels

DIN 6453/6451

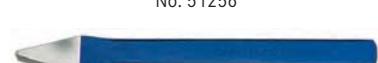
Design: impact head hardened and tempered, shaft varnished. Made of chrome vanadium air-hardened steel, hardened.

Length mm	Ident. No.	125		150		175		200		250		300	
		510	520	530	540	550	560	510	520	530	540	550	560
Blade width mm		15	18	21	24	24	26	25	26	25	26	26	
Cross-section mm		14 x 9	17 x 11	20 x 12	23 x 13								
51256 Flat chisel	Unit price €	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	
Blade width mm		5	6	7	8	9	-						
Cross-section mm		14 x 9	17 x 11	17 x 11	20 x 12	23 x 13	-						
51258 Cross-cut chisels	Unit price €	O. R.	O. R.	O. R.	O. R.	O. R.	-						

Prod. Gr. 593



No. 51256



No. 51258

GEDORE / ORION® Chisel sets

Design: impact head hardened and tempered, shaft varnished.

Contents:

- 1 octagonal flat chisel in sizes 150 x 12 x 16 mm and 125 x 10 x 12 mm each
- 1 octagonal cross-cut chisel measuring 125 x 10 x 6 mm
- 1 drift punch 150 x 12 x 4 and 120 x 10 x 3 mm each
- 1 centre punch 120 x 10 mm.

Chisel set		In a holder with base	in a metal case
51262	GEDORE chisel sets made of chrome vanadium air hardened steel	Ident. No. 010	015
Set price	€	O. R.	O. R.
51262	ORION chisel sets made of chrome vanadium air hardened steel	Ident. No. 510	515
Set price	€	O. R.	O. R.

GEDORE = Prod. Gr. 558
ORION = Prod. Gr. 593


ORION® Grooving chisels

DIN 6455

Design: made of chrome vanadium steel. Impact head hardened and tempered, shaft varnished.

Blade width mm	2	3	4
Length x Thickness, Octagonal mm	150 x 12	150 x 12	150 x 12
51263 Ident. No. 500	500	510	520
Unit price €	O. R.	O. R.	O. R.

Prod. Gr. 593


ORION® Mason's chisels

Design: made of chrome vanadium steel. Impact head hardened and tempered, shaft varnished.

Length mm	200	300	400	500
Blade width mm	24	26	26	30
Thickness, octagonal mm	16	18	18	20
51264 Ident. No. 500	500	520	530	540
Unit price €	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 593


ORION® Slotted or bodywork chisels

Design: made of chrome vanadium steel. Impact head hardened and tempered, shaft flat oval, varnished.

Length mm	240
Blade width mm	26
Thickness at the handle end mm	7
51266 Ident. No. 500	500
Unit price €	O. R.

Prod. Gr. 593


ORION® Dividing caulkers

Design: made of chrome vanadium steel. Impact head hardened and tempered, shaft varnished.

Length mm	125
Cross-section of cut mm	10 x 2
Shaft thickness mm	10
51267 Ident. No. 500	500
Unit price €	O. R.

Prod. Gr. 593


ORION® Electrician's chisels

Design: made of chrome vanadium steel. Impact head hardened and tempered, shaft varnished.

Length mm	200	250
Blade width mm	8	8
Thickness, square mm	6	6
51268 Ident. No. 500	500	530
Unit price €	O. R.	O. R.

Prod. Gr. 593



GEDORE  Chisel hand guard

Application: suited for all chisels with a length of min. 250 mm.

Design:

Made of PVC, ergonomic and safe due to double protective plate. No rolling due to ellipse form.

For flat oval chisel cross-section	mm	20	12	to	26	13
For octagonal chisel cross-section	mm	14	to	20		
51269	Ident. No.			010		
Unit price	€			O. R.		



Prod. Gr. 558

Assembly drifts

Design: pin 1: 10 bright smooth ground, shaft varnished.

Tips Ø	mm	5	6	8	10	12	14	16
Overall length	mm	180	200	200	230	280	315	380
Ball length	mm	110	120	130	140	170	190	220
Shaft Ø	mm	12	13	16	22	27	30	36
51272	Ident. No.	050	060	080	100	120	140	160
Unit price	€	O. R.						



Prod. Gr. 522

GEDORE  **ORION**  Drift punches

Made of chrome vanadium steel, hardened

DIN 6458

Design: impact head hardened and tempered, ball end or point with a bright finish, shaft varnished.

Tips Ø	mm	1	2	3	4	5	6	7	8	10*		
Length	mm	120	120	120	120	120	120	120	120	120		
Thickness	mm	10	10	10	10	10	10	12	12	12		
51280	GEDORE	Ident. No.	–	020	030	040	050	–	060	–		
Unit price	€	–		O. R.	O. R.	O. R.	O. R.	–	O. R.	O. R.		
51281	ORION	Ident. No.	500	510	520	530	540	550	–	560	570	580
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	–	O. R.	O. R.	O. R.	
Drift punch set			in a metal case									
Consisting of			Drift punch Ident. 51280 Ø 1, 2, 3, 4, 5 mm and 1 centre punch Ident. 51295 120 x 10 mm									
51280	GEDORE	Ident. No.				195						
Set price	€					O. R.						
Drift punch set			In a holder with base									
Consisting of			Drift punch No. 51281 Ø 1, 2, 3, 4, 5 mm and 1 centre punch No. 51296 120 x 10 mm									
51282	ORION	Ident. No.			500							
Set price	€				O. R.							
Drift punch set			in a metal case									
Consisting of			Drift punch No. 51281 Ø 1, 2, 3, 4, 5 mm and 1 centre punch No. 51296 120 x 10 mm									
51282	ORION	Ident. No.			510							
Set price	€				O. R.							



No. 51280



No. 51281



No. 51281 195



No. 51282 500

* Non-standard.

GEDORE = Prod. Gr. 558, ORION = Prod. Gr. 593

GEDORE  **ORION**  Pin punches

DIN 6450

Design:

Made of chrome-vanadium steel. Impact head hardened and tempered, bright ball or point, shaft varnished.

Tips Ø	mm	2	2,5*	3	3,5*	4	4,5*	5	6	7*	8	10	12*	
Length	mm	150	150	150	150	150	150	150	150	150	150	150	150	
Thickness	mm	10	10	10	10	10	10	10	10	12	12	12	12	
51280	GEDORE	Ident. No.	220	–	230	–	240	–	250	260	270	280	310	
Unit price	€	O. R.	–	O. R.	–	O. R.	–	O. R.	–					
51283	ORION	Ident. No.	500	510	520	530	540	550	560	570	580	590	595	597
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	
Pin punch set			in a metal case									1 pin punch No. 51280 Ø 3, 4, 5, 6, 7, 8 mm		
Consisting of												395		
51280	GEDORE	Ident. No.											O. R.	
Set price	€													
Pin punch set			In a holder with base									1 pin punch No. 51283 Ø 3, 4, 5, 6, 7, 8 mm		
Consisting of												500		
51284	ORION	Ident. No.											O. R.	
Set price	€													
Pin punch set			in a metal case									1 pin punch No. 51283 Ø 3, 4, 5, 6, 7, 8 mm		
Consisting of												520		
51284	ORION	Ident. No.											O. R.	
Set price	€													



No. 51280



No. 51283



No. 51280 395



No. 51284 500

* Non-standard.

GEDORE = Prod. Gr. 558

ORION = Prod. Gr. 593

RENNSTEIG Pin punch set
Design:

High hardness above 59 HRC for longer life. High-alloy tool steel, safety impact head, completely chrome-plated, coloured powder coating. Rounded edge – without damaging the workpiece.

Pin punch set	in a metal case
Consisting of	3, 4, 5, 6, 8, 10 mm
51280	Ident. No. 500
Set price	€ O. R.

Prod. Gr. 522


RENNSTEIG Pin punches

with guide sleeve, knurled, Impact piece made of silver steel, zinc-chromised

Set comprises of:

One pin punch each (each pin punch consists of an impact piece and a guide sleeve) of size 0.9 / 1.4 / 1.8 / 2.4 / 2.8 / 3.4 / 3.9 / 5.9 mm.

No. 51285 Pin punch set

No. 51287 Drift punch single (impact piece with guide sleeve)

Ø	mm	0,9	1,4	1,8	2,4	2,8	3,4	3,9	5,9
51287	Ident. No.	009	014	018	024	028	034	039	059
Unit price	€	O. R.							
Drift punch set									
51285	Ident. No.						010		
Set price	€						O. R.		

Prod. Gr. 522



No. 51285 010

GEDORE ORION® Centre punches

DIN 7250

Design: impact head hardened and tempered, tip bright, shaft varnished.

No. 51295 GEDORE made of chrome vanadium steel, hardened

No. 51296 ORION made of chrome vanadium steel, hardened

Number		51295	51296			
Length/thickness, octagonal	mm	120/10	100/8	120/10	120/12	150/12
	Ident. No.	010	490	500	510	520
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.

GEDORE = Prod. Gr. 558
ORION = Prod. Gr. 593



No. 51295



No. 51296


GEDORE Centre punches

Design: with a carbide metal tip and an octagonal shank, nickel plated.

Length x Shank Ø	mm	120 x 10	120 x 12
51297	Ident. No.	010	020
Unit price	€	O. R.	O. R.

Prod. Gr. 558

Centre punches with magnifying glass

Application: for optically safe precision marking with a centre punch.

Design:

The magnifying glass is secured to the centre punch by means of a screw pin, can be removed to grind the tip.

Length	mm	100
Glass magnification		2.5x
Glass diameter	mm	22
51298	Ident. No.	500
Unit price	€	O. R.

Prod. Gr. 580



 **RENNSTEIG Automatic centre punches**

Design:

Auto-impact, adjustable impact force, precision design with exchangeable, hardened tip, housing nickel-plated.

Ident. No. 200 -220 with hand protection and ergonomical hand pad

Length	mm	95	125	130	95	125	130
	N	20-50	60-130	180-250	20-50	60-130	180-250
51300	Ident. No.	100	110	120	200	210	220
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 522



Ident. No. 100-120



Ident. No. 200-220

 **GEDORE Automatic centre punches**

Design: with ergonomic hand protection.

Lathe centre replaceable with inserts engraved with numerals, letters, or company logos up to 2 x 2 mm, can also be used as a stamp for inspection purposes.

Length	mm	150
51302	Centre point with insert	Ident. No. 100
Unit price	€	O. R.
51302	Centre point	Ident. No. 110
Unit price	€	O. R.

► Engraved inserts on request.

Prod. Gr. 558



 **RENNSTEIG Set of adjustable centre punches**

Application:

Saves on the often inconvenient marking of the centring and enables transferring the centre point of a hole of a sample or a gauge on the workpiece with few hand turns.

Delivery: 3 pieces in a case.

Diameter	mm	6-16
51308	Ident. No.	100
Set price	€	O. R.

Prod. Gr. 522



 **RENNSTEIG Rivet headers and rivet head extractors**

Design: impact head hardened and tempered, tip bright, shaft varnished.

Application:

Ident. No. 010 Rivet extractor set for rivets according to DIN 660/661/662/674

Ident. No. 020 Rivet header set for rivets according to DIN 660

Delivery: set of 5 in plastic holder

Rivet Ø	mm	2, 3, 4, 5, 6	2, 3, 4, 5, 6
51299	Ident. No.	010	020
Set price	€	O. R.	O. R.

Prod. Gr. 522



Ident. No. 010



Ident. No. 020

Scribers

No. 51310 Scribers hardened, from one piece, made of chrome vanadium steel, with straight and curved tips, a knurled handle.

No. 51312 Scribers with a carbide scribe Ø 2 mm, glass fibre reinforced shank with protective cap.

No. 51313 Scribers with a carbide scribe, hexagon metal shank, chrome-plated, with clip, needle firmly soldered in, can be re-ground.

No. 51315 ORION single piece scribers hardened, from one piece, made of chrome vanadium steel, with straight and curved tips, a knurled handle.

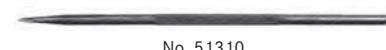
No. 51320 Scribers with hardened points in CrV steel, handle knurled.

No. 51322 Scribers anodised, with a detachable head and 20 replacement needles in a protective sleeve

Number	51310	51312	51313	51315	51320	51322
Length x Thickness	mm	180 x 6	145 x 7	150 x 6	150 x 8	160 x 5
Ident. No.		010	010	010	020	500
Unit price	€	O. R.				

► Dividers see No. 35003 page 825.

ORION = Prod. Gr. 593
others = Prod. Gr. 523



No. 51310



No. 51312



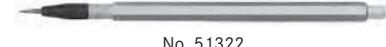
No. 51313



No. 51315



No. 51320



No. 51322

Scribers

with replaceable carbide needle and attachment clip

No. 51330 500 ATORN carbide-marking needle. Carbide marker 2.0 mm, can be reground and replaced. Break-proof hexagon plastic housing, slip proof grip zone.

No. 51331 500 ATORN carbide marking needle. Retractable pencil system nickel-plated metal housing with knurled handle. Carbide marker 2.0 mm, can be reground and replaced. Pocket clip.

No. 51336 010 RICOH Marker marking needle with replaceable carbide needle 1.5 mm, metal housing, attachment clip.

No. 51336 030 TICOM ErgoPlus carbide-marking needle. Carbide marker 2.0 mm, can be reground and replaced. Robust aluminium housing, slip proof plastic grip zone.

No. 51336 040 TICOM TICOM Fine Marker carbide fine marker. Carbide micro-needle 0.38 mm. Simple break off and push out instead of grinding. Useful length 25 mm. Robust aluminium housing, slip-proof plastic grip zone.

Number		51330	51331	51336		
Needle Ø	mm	2,0	2,0	1,5	2,0	0,38
Length	mm	150	146	165	150	150
Scribers	Ident. No.	500	500	010	030	040
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.
51337 Spare carbide needles	Ident. No.	020		010	020	040
Unit price	€	O. R.		O. R.	O. R.	O. R.

Prod. Gr. 523



TICOM® Metal markers

White markings with super-fine marking lines approx. 0.8 mm wide. Ideal for high-contrast markings on metal with rolled, dark or slightly rusty surfaces. Also adheres to many other materials where white markings are easier to read. This marking pen gives lasting covering, is light-resistant, quick-drying and easy to remove with organic solvents such as spirit or toluol.

51335	Metal marker, White	Ident. No.	010
Unit price	€		O. R.

Prod. Gr. 523



STANLEY® Carbide saw wire

Application:

Used for sawing hardened steel, cast iron, roof tiles, wall tiles, floor tiles etc. For straight and curved cuts.

Length	mm	300
Ident. No.		010
Unit price	€	O. R.

➡ Metal hacksaws see No. 51845-51846 page 1486, 51848 page 1486. Prod. Gr. 529



ATORN® Hand hacksaw blades HSS bimetal toothed one side, flexible, high-performance saw blade

Application:

Design:

Particularly high degree of cutting efficiency as a result of the optimally hardened HSS toothed area. Absolutely unbreakable when in use, with a flexible tool steel blade.

Dimensions	mm	300 x 13 x 0,65		
Number of teeth per inch		18	24	32
51648	Ident. No.	590	600	610
Unit price	€	O. R.	O. R.	O. R.
Unit price when ordering min. 100 pieces	€	O. R.	O. R.	O. R.

Prod. Gr. 596



ATORN® Aluminium hacksaw

Design:

Completely made of aluminium die cast. Lightweight design: only 650 g. Ergonomic shape and user-friendly through soft rubber hand grip and front grip. Quick tensioning in haft. Blade retention through captive pins.

For saw blade lengths	mm	300
Without saw blade	Ident. No.	020
Unit price	€	O. R.

Prod. Gr. 528



ATORN® Professional hacksaw frame

Design:

Bow made of sturdy square tubing, chromium-plated, blue-coloured aluminium handle, powder-coated, **quick action clamping in the handle**, blade with eightfold adjustment.

For saw blade lengths	mm	300
Clamp cross-section	mm	20 x 10
51848	Without saw blade	Ident. No. 020
Unit price	€	O. R.



ERGOTOP

Prod. Gr. 528

BAHCO Metal hacksaw and SANDFLEX bi-metal saw blades

Design:

Ident. No. 500 light 2-component frame with steel core. Gripping mechanism integrated in the handle.
Ident. No. 510 ergonomic professional metal hacksaw. Very high blade tension for straight and clean cuts. Spring tensioned blade fastening for quick blade change.

Delivery: complete with saw blade

Ident. No. 600-630 SANDFLEX: practically unbreakable and shatter-proof bimetal sheet with precisely ground teeth. Best cutting properties and high flexibility.

For saw blade lengths	mm	300
Version		Easy Profi
51849	with saw blade	Ident. No. 500 510
Unit price	€	O. R. O. R.
Dimensions	mm	300 x 13 x 0,656
51849	Saw blade 18 teeth per inch	Ident. No. 600
Unit price	€	O. R.
51849	Saw blade 24 teeth per inch	Ident. No. 610
Unit price	€	O. R.
51849	Saw blade 32 teeth per inch	Ident. No. 620
Unit price	€	O. R.
51849	Saw blade progressive tooth pitch	Ident. No. 630
Unit price	€	O. R.



Ident. No. 500



Ident. No. 510



Ident. No. 600-630

Prod. Gr. 519

ORION® Professional hacksaw frame

Design: with cross recess and captive dowel pins.

For saw blade lengths	mm	300
Clamp cross-section	mm	18 x 8
51845	Without saw blade	Ident. No. 500
Unit price	€	O. R.



Prod. Gr. 529

ORION® Professional hacksaw frame

Design:

Clamp made of square tubing, chromium-plated, silver-coloured handle, powder-coated, blade adjustable up to 90°.

For saw blade lengths	mm	300
Clamp cross-section	mm	16 x 10
51846	Without saw blade	Ident. No. 500
Unit price	€	O. R.



ERGOTOP

Prod. Gr. 529

Saw blade holders

for hand hacksaw blades 300 mm in length, made of glass fibre reinforced polyamide

Application:

Especially suitable for use in places hard to reach. Handle design.

Truncated saw blades can also be used.

Design:

Practical auxiliary tool. Design with handle **variable as pistol handle or longitudinal handle**, saw blade can be clamped in the desired orientation by means of a wing nut.

51847	Saw blade holder with HSS bimetal saw blade	Ident. No. 010
Unit price	€	O. R.

Prod. Gr. 529



PUK® Small hacksaws
for saw blades 200 mm length

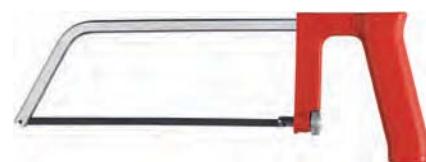
Design:

With ergonomic plastic grip, bow made of 10 x 5 mm flat steel bar. Continuous blade tension over the knurled nut. With universal saw blade 200 mm.

Box qty.: No. 51804 100-120 = 12 pieces

Model		mm	PUK Vario 200
Blade length		mm	200
51804	Small hacksaws	Ident. No.	010
Unit price		€	O. R.
51804	PUK 210 universal saw blades	25 teeth/inch	Ident. No. 100
Unit price		€	O. R.
51804	PUK 212 metal saw blades	32 teeth/inch	Ident. No. 110
Unit price		€	O. R.
51804	PUK 220 metal saw blades, fine-toothed	50 teeth/inch	Ident. No. 120
Unit price		€	O. R.

Prod. Gr. 529



Ident. No. 010

ORION® Hacksaws

Design: complete with universal saw blade.

Overall length including handle	mm	255
Overhang	mm	60
Blade length	mm	150
51805	Ident. No.	510
Unit price	€	O. R.

► Spare saw blades see No. 51811 010-040 page 1487.

Prod. Gr. 529


PUK® Hacksaws

No. 51810 010 PUK 300 with an all-round adjustable wooden handle, bow made of square bar steel, nickel plated, in plastic pocket, with a universal saw blade.

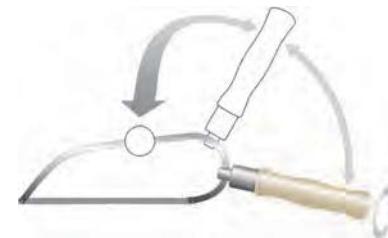
No. 51810 020 PUK 305 with fixed, red wooden handles, round steel bow, bright galvanised, with a universal saw blade.

No. 51811 Saw bows with cylindrical inclined and special hardened toothed, blade size 150 x 6 mm, hole intervals 146 mm.

Box qty.: No. 51811 = 12 pieces (with suspension pins packed in carton)

Model		PUK 300	PUK 305
Blade length	mm	150	150
Overall length including handle	mm	310	290
51810	Hacksaws	Ident. No. 010	020
Unit price	€	O. R.	O. R.
51811	PUK 310 universal saw blades	25 teeth/inch	Ident. No. 010
Unit price	€	O. R.	
51811	PUK 312 metal saw blades	32 teeth/inch	Ident. No. 020
Unit price	€	O. R.	
51811	PUK 320 metal saw blades, fine-toothed	50 teeth/inch	Ident. No. 030
Unit price	€	O. R.	
51811	PUK 313 wood saw blades	14 teeth/inch	Ident. No. 040
Unit price	€	O. R.	

Prod. Gr. 529



Ident. No. 010



Ident. No. 020

Fretsaw

with steel pipe strap and spring chuck

Cutting depth	mm	320
Clamp Ø	mm	13
57642	Ident. No.	010
Unit price	€	O. R.

► Saw blades see No. 57644 page 1488.

Prod. Gr. 529



FINIS® Fretsaw blades for metal

Design: fine serrated, for precise working of all types of metal. Packed in units of twelve pieces.

Box qty.: pack with 1 dozen. Unit price = price/dozen

Size	3/0	2/0	0	1	2	3	4	5	7
Width mm	0,48	0,52	0,56	0,60	0,70	0,75	0,80	0,85	0,94
Thickness mm	0,24	0,26	0,28	0,30	0,34	0,36	0,38	0,40	0,44
Length mm	130	130	130	130	130	130	130	130	130
Teeth per inch	61	66	46	46	41	41	33	33	28
57644	Ident. No.	003	005	007	010	020	030	040	050
Unit price	€	O. R.							



Prod. Gr. 528

STANLEY Hand saws for wood

Ident. No. 005-010 high quality steel from Sweden. Fast sawing due to three precisely ground cutting planes. The induction hardening of tips of the teeth guarantees particularly long service life. Handgrip 45° and 90° limit stop.

Ident. No. 007 toothed more finely for especially clean edges.

Ident. No. 110 Soft handle with 3 saw blades for change, without tool. Handle adjustable in any position, for optimum use of force. 1 piece each universal additional cutting blade 250 mm for wood, metallic saw blade 150 mm and 1 compass saw blade 200 mm for wood and plastic material.

Blade length mm	380	450	150/200/250
Number of teeth / inch	7	11	7
57660	Ident. No.	005	007
Unit price	€	O. R.	O. R.

Prod. Gr. 529



Ident. No. 010



Ident. No. 110

BAHCO ERGO-SUPERIOR – foxtail and ProfiCut – Japan pit saws

Application:

Ident. No. 200 for fine and medium-rough wood

Ident. No. 210 for medium-rough wood

Design:

Ident. No. 200 +210 foxtail saw with unique XT toothing with hardened tooth tops for long-maintained sharpness. Screwable 2-component handle.

Ident. No. 220 Japan trim saw toothed on both sides with extra-fine toothing on the one sheet side and progressive, rough toothing on the other sheet side – for optimal flexibility. 2-component handle.

Ident. No. 230 universal Japan trim saw for fine lateral and angular cuts, with hardened tooth tops, 3-sides grinded. Very narrow cut joint of only 0.9 mm.

Blade length mm	440	475	240	305
Number of teeth / inch	11/12	9/10	6-8,5/17	13,5
57660	Ident. No.	200	210	220
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 519



Ident. No. 200+210



Ident. No. 220



Ident. No. 230

STANLEY Ripping chisel set

Design:

Painted ash tree handle with knuckle duster. Forged blade with chamfered edges made of hardened steel – can be ground on the entire length.

Delivery: in high quality wooden case

Blade widths mm	6/10/15/20/25
57661	Ident. No.
Set price	€

Prod. Gr. 566



ORION® Cutter blades with trapezoidal blade

Design: with retractable blade

Ident. No. 500 Die cast housing, blade mechanically adjustable

Ident. No. 600 Safety knife with automated blade retraction, die cast housing

Ident. No. 700 Safety knife with automated blade retraction, die cast housing with ergonomic soft component. Blade change without screwing.

Length	mm	150	160	162
53642	Knife	Ident. No. 500	600	700
Unit price	€	O. R.	O. R.	O. R.
53642	Trapezoidal blades (10 pcs)	Ident. No. 610		
Set price	€		O. R.	

Prod. Gr. 598



Ident. No. 500

Ident. No. 600

Ident. No. 700

ATORN® Knives with snap-off blade

Design:

Extremely robust and free-moving, ergonomically shaped full metal housing with stainless steel blade guide.

Ident. No. 010 with push button mechanics and auto-lock mechanism, equipped with a 9 mm blade

Ident. No. 020 with wheel lock, equipped with an 18 mm blade



Ident. No. 010



Ident. No. 020

Length	mm	150	157
Blade width	mm	9	18
53640	Ident. No.	010	020
Unit price	€	O. R.	O. R.

Prod. Gr. 582

ORION® Knives with snap-off blade

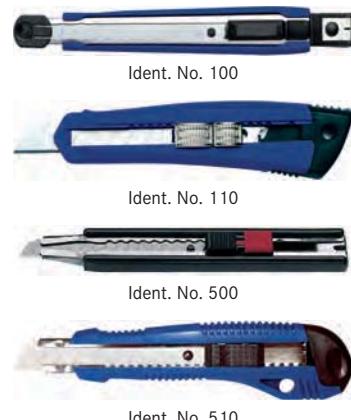
Design: with retractable blade

Ident. No. 100 and 110 Housing made of die cast zinc, blade guide made of stainless steel, blocking system of the slide, with 2 spare blades each in the housing

Ident. No. 500 and 510 Plastic housing, 510 with two spare blades each in the housing

Length	mm	145	165	140	160
Blade width	mm	9	18	9	18
53643	Knife	Ident. No. 100	110	500	510
Unit price	€	O. R.	O. R.	O. R.	O. R.
Spare blades snap-off, width	mm	9	18	9	18
53643	Blades (10 pcs)	Ident. No. 600	610	600	610
Set price	€	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 598



Ident. No. 100

Ident. No. 110

Ident. No. 500

Ident. No. 510

LUTZ BLADES Cutter blades TIN coated

Design: Blade TIN-coated for extremely long tool life, fits all cutter knives.

Ident. No. 001 Trapezoidal blade, thickness 0.65 mm (pack of 10)

Ident. No. 009 Break-off blade 9 mm, thickness 0.5 mm (pack of 10)

Ident. No. 018 Break-off blade 18 mm, thickness 0.65 mm (pack of 10)



Ident. No. 001



Ident. No. 009



Ident. No. 018

Type	mm	Trapezoidal blade		Break-off blade	
Blade width	mm	18,7 x 61		9	18
53641	Ident. No.	001		009	018
Set price	€	O. R.		O. R.	O. R.

Prod. Gr. 566

OLFA® NT Cutter® Knives with snap-off blade

Extremely robust and easy procedure

Ident. No. 010 OLFA cutter for 9 mm breakaway blades, with automatic blade lock, ergonomically formed plastic housing

Ident. No. 015 NT cutter for 9 mm break-off blades, with push button mechanics and auto-lock mechanism, equipped with a 9 mm blade, ergonomically shaped plastic housing

Ident. No. 110 OLFA cutter for 18 mm breakaway blades, with locking wheel, rubber insert in the handle, packaging opener, plastic housing

Ident. No. 125 NT cutter for 18 mm break-off blades, with push button mechanics and auto-lock mechanism, equipped with an 18 mm blade, ergonomically shaped plastic housing



Ident. No. 010



Ident. No. 015



Ident. No. 110



Ident. No. 125

Length	mm	145	147	155	156
Blade width	mm	9	9	18	18
53644	Ident. No.	010	015	110	125
Unit price	€	O. R.	O. R.	O. R.	O. R.

► Spare blades see No. 53643 Ident. No. 600+610 page 1489.

Prod. Gr. 566

ATORN® Folding knives with blades

Design:

- Aluminium handle, ergonomically shaped
- reliable locking of blade when folded out
- thumb pads for optimal, very precise cutting pressure
- quick-action lever for fast change of blades without tools
- Blade compartment integrated into the handle, equipped with 5 spare blades
- all standard trapezoidal blades fit
- with steel belt clip



Length folded	mm	160
53644	Ident. No.	200
Unit price	€	O. R.

Prod. Gr. 597

Erdi Folding knives with blades

Design:

Comfortable plastic handle, blade compartment with 5 spare blades, softgrip for max. contact pressure. Lever for firm locking of the blade - rapid and easy blade exchange, belt clip.



Length	mm	160
53645	Ident. No.	010
Unit price	€	O. R.

► Spare blades see No. 53646 page 1490.

Prod. Gr. 552

STANLEY Universal knives

Design: with retractable blade. 3 spare blades in grip, light metal grip.

Ident. No. 010 Universal knife with 3 blades.

Ident. No. 020 Universal knife with 3 blades. Feed against unintentional adjustment safeguarded.

Ident. No. 031 ergonomically optimised knife with grip made of bi-material for safe operation without slipping. Easy blade change without tool.

Ident. No. 040 Folding cutter knife, easy blade change without tool, with rubber insert for safe grip, with belt clip

Ident. No. 205 and 215 Set of spare blades (10 blades)



Ident. No. 010



Ident. No. 031



Ident. No. 040

Version	Universal knives	Universal knife with safety lock	Folding knife	Spare blade	
Length	mm	150	165	Straight	Hook shaped
53646	Ident. No.	010	031	205	215
Unit price	€	O. R.	O. R.	O. R.	O. R.
Set price	€	-	-	-	-

Prod. Gr. 566

STANLEY Knife holster

Design:

Made of strong, cut-resistant polyester. Belt clip, small additional compartment to store replacement blades. Suitable for all commercial cutter knives.

Version		Polyester
53646	Ident. No.	100
Unit price	€	O. R.

Prod. Gr. 566



STANLEY Knives with snap-off blade

Design:

With retractable blade (8 blades). Feed against unintentional adjustment safeguarded

Length	mm	135	165
Blade width	mm	9	18
53648 Knife	Ident. No.	005	010
Unit price	€	O. R.	O. R.
Spare blades snap-off, width	mm	9	18
53648 Spare blades (10 pcs)	Ident. No.	105	110
Set price	€	O. R.	O. R.

Prod. Gr. 566



BAHCO ERGO cutter knives

Design:
Ident. No. 200

- with retractable trapezoidal blade, easy blade change
- ergonomically shaped multicomponent handle, storage compartment for spare blades

Ident. No. 210

- with fixed trapezoid blade, ergonomically shaped multi-component handle
- ergonomically shaped multicomponent handle, storage compartment for spare blades

Ident. No. 220

- with 18 mm break-off blade, easy blade change
- ergonomically shaped multicomponent handle, storage compartment for spare blades

Length	mm	161	
Blade width	mm	18,7	18,7
53648	Ident. No.	200	210
Unit price	€	O. R.	O. R.

▶ Suitable spare blades, see Ident. No. 53642610, 53643610, 53641001, 53641018 Prod. Gr. 519



Ident. No. 200



Ident. No. 210



Ident. No. 220

STANLEY Scalpel knives

Application: for fine and precise cutting.

Ident. No. 010 Zinc die cast housing, retractable blade, with locking mechanism, 2 spare blades.

Ident. No. 100 Blade with straight edge, 50 pieces per package.

Length	mm	110	
53649	Ident. No.	010	
Unit price	€	O. R.	
53649	Ident. No.	100	
Price/pack	€	O. R.	

Prod. Gr. 566



Ident. No. 010

Scalpel knives

Application: for finest work.

Design:

Precision knife in ball pen shape, with plastic / aluminium shaft and brass / aluminium clamping sleeve.

Ident. No. 010 and 020 incl. 1 blade and protection hood.

Ident. No. 110 25 blades in dispenser box.

Ident. No. 120 10 blades in dispenser box.

Length	mm	150	150
53650	Ident. No.	010	020
Unit price	€	O. R.	O. R.
53650	Ident. No.	110	120
Price/pack	€	O. R.	O. R.

Prod. Gr. 566



Ident. No. 010



Ident. No. 020

NT Cutter® Safety carton openers

Application:

for opening cartons, packing strips and foil as well as for withdrawing package staples. Easy and absolutely safe usability.

Design: high-quality plastic handle, ergonomically shaped, blade interchangeable.

Ident. No. 010 Safety carton opener

Ident. No. 100 Spare blades, pack of 10



Ident. No. 010

Length	mm	195
53651	Ident. No.	010
Unit price	€	O. R.
53651	Ident. No.	100
Set price	€	O. R.

Prod. Gr. 566

OLFA® Film cutter

Design: safety knife with easily exchangeable blade, due to snap-open mechanism.

Ident. No. 200 Film cutter with blade

Ident. No. 210 Spare blades, pack of 10



Length	mm	160
53651	Ident. No.	200
Unit price	€	O. R.
53651	Ident. No.	210
Set price	€	O. R.

Prod. Gr. 566

STANLEY Glass scrapers

Application: for removing residues of paint and glue from glass, tiles etc.

Design: slide-out, lockable blade. Metal housing.

Delivery:

Ident. No. 100 Spare blades, pack of 10



Length	mm	95
Blade width	mm	40
53652	Ident. No.	010
Unit price	€	O. R.
53652	Ident. No.	100
Price/pack	€	O. R.

Prod. Gr. 566

LEATHERMAN Multi-function tool

Ident. No. 120 Model SKELETOOL

with 7 tools and 2 bits, stainless steel body, aluminium alloy grips. Pliers, wire cutter, combination blade, bit holder, carabiner/bottle opener.

Ident. No. 130 Model SUPER TOOL 300

with 19 tools, stainless steel body, pliers, wire cutter, knife, serrated knife, file, saw, slot and cross-point blades, awl, ruler, bottle opener, can opener, lanyard ring

Ident. No. 140 Model WAVE

with 17 tools and 2 bits, stainless steel body, pliers, wire cutter, knife, serrated knife, wood and metal file, saw, scissors, awl, ruler, bottle opener, bit driver, can opener, lanyard ring

Ident. No. 150 Model SURGE

with 21 tools and 2 bits. Stainless steel body, pliers, wire cutter, knife, serrated knife, blade changer, scissors, 3 files, 2 bit holders, ruler, bottle opener, can opener, lanyard ring

Delivery: all types with nylon belt pouch



Ident. No. 120 SKELETOOL



Ident. No. 130 SUPER TOOL



Ident. No. 140 WAVE



Ident. No. 150 SURGE

Model	SKELETOOL	SUPER TOOL	WAVE	SURGE
Folded-in length	mm	100	115	115
Weight	g	142	272	355
53656	Ident. No.	120	130	140
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 566

Pocket knives
the original


Ident. No. 010



Ident. No. 020



Ident. No. 030



Ident. No. 110



Ident. No. 120

Model Functions	Waiter 9	Classic 7	Adventurer 11	Spartan 12	Craftsman 24
53655	Ident. No. 010	020	030	110	120
Unit price	€	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 566

Erdi Berlin shears
Design: right-hand cutting.**Application:** for straight cuts.

Version Length	mm	Stainless steel		
53660	Ident. No.	620		625
Unit price	€	O. R.		O. R.

Prod. Gr. 552

Erdi Hole shears
Application: for short straight and shaping cuts.**Design:** clockwise or anticlockwise cutting.

Version Right/left-handed Length	mm	Stainless steel				HSS R 300
53662	Ident. No.	600	605	610	650	655
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 552



Ident. No. 600-660

Ident. No. 810

Erdi Ideal snips
Application: for straight continuous and shape cuts.**Design:** clockwise or anticlockwise cutting.

Version Right/left-handed Length	mm	Stainless steel			L 280
53664	Ident. No.	600	605	650	655
Unit price	€	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 552


Erdi Pelican shears
Application: for long straight, continuous cuts.**Design:** clockwise or anticlockwise cutting.

Version Right/left-handed Length	mm	Stainless steel		R 350
53666	Ident. No.	600	605	605
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 552



Erdi Tinplate shears Multisnip Longstyle

Application: for long straight, continuous cuts up to 1.2 material thickness.

Design: anti-clockwise cutting. With lever transmission. Extra long and offset blades.

Version		Stainless steel
Length	mm	280
53681	Ident. No.	010
Unit price	€	O. R.



Prod. Gr. 552

Erdi Ideal shears compact with double lever action

Application:

For short, straight cuts and tight radii, cutting length 20 mm, normal sheet metal up to 1.2 mm thickness.

Design:

Extremely manoeuvrable compact shears. Sheet metal grip with moulded handle covers and soft plastic insert. Noticeably reduces force through double-level action. Practical locking-stop combination.

Version		Stainless steel
Right/left-handed		
Length	mm	R 180 L 180
53671	Ident. No.	010 030
Unit price	€	O. R. O. R.



Ident. No. 010



Ident. No. 030

Erdi Ideal snips with lever action

Application: for straight continuous and shape cuts.

Design:

Handle drop-forged for particularly robust construction. Clockwise or anticlockwise cutting.

Version	Right/left-handed	Stainless steel		Stainless steel S	
		R	L	R	L
Length	mm	240	240	240	240
53672	Ident. No.	600	650	700	750
Unit price	€	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 552



Ident. No. 600



Ident. No. 700

Erdi Ideal snips with lever action

Application: for straight continuous and shape cuts.

Design:

PVC coated sheet metal arms, with 2-component grip. Clockwise or anticlockwise cutting.

Ident. No. 710 and 760 through optimised determination of mechanical advantage and blade geometry, the required force is reduced by 25 %.

Version	Right/left-handed	Stainless steel		Stainless steel S		HSS	
		R	L	R	L	R	L
Length	mm	260	260	260	260	260	260
53674	Ident. No.	500	550	710	760	800	850
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 552



Ident. No. 500



Ident. No. 710



Ident. No. 800

Erdi Aviation snips with lever action

Application: for straight continuous cuts.

Design:

PVC coated sheet metal arms, clockwise or anticlockwise cutting. Ident. No. 710 and 760 with 2-component grip.

Version Right/left-handed	Stainless steel		Stainless steel S	
	R mm	L 260	R 260	L 260
53676	Ident. No. 600	650	710	760
Unit price €	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 552



Ident. No. 710



Ident. No. 600

Erdi Ideal snips with lever action

Application: for straight continuous and shape cuts.

Design:

Small shear head with extra-flat blade allows very tight radii to be cut. Lightweight construction. Sheet metal arms with PVC grip sleeves. Clockwise or anticlockwise cutting.

Stainless steel version, right/left-handed Length	R		L	
	mm	230	mm	230
53680	Ident. No. 600	650		
Unit price €	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 552



Ident. No. 600

Erdi Sheet metal cutter with separator

Application: for distortion and burr-free cuts in sheet metals up to a thickness of 1.2 mm.

Design: with integrated chip removal device for internal-external cuts and notches.

Length	mm	265
53685	Ident. No. 010	010
Unit price €	O. R.	O. R.

Prod. Gr. 552



ATORN® Profiled fine scraper

Hollow-profile scraper blade made of special steel, 3-edged, sheathed with highly impact-resistant, tough plastic made of cellulose propionate (CP) from the end of the handle continuously in one piece up to 25 mm from the tip, with blade protection cap.

Version Blade length Blade width Overall length	ATORN®	
	mm	25
	mm	8
53695	Ident. No. 500	500
Unit price €	O. R.	O. R.

Prod. Gr. 596



DICK Triangular hollow scrapers

Design:

Bright polished, for fine work, in nickel-plated holder with screw head and rotatable safety catch. Adjustable length.

Delivery: with 1 straight, double ended scraping blade.

Length of scraper blade/side width Length of the holder	mm	mm	80/5
	mm	110	010
53700 Triangular hollow scrapers	Unit price €	O. R.	O. R.
53701 Scraper blade straight	Unit price €	O. R.	O. R.
53702 Scraper blade, curved 45°	Unit price €	O. R.	O. R.
53703 Scraper blade, curved 90°	Unit price €	O. R.	O. R.

Prod. Gr. 524



BAHCO Triangular scraper

Design: vanadium extra steel, burnished, with hollow blade, plastic grip and hand protection.

Version Blade length/overall length	Hollow blade	
	mm	80/165
53704	Ident. No. 010	010
Unit price €	O. R.	O. R.

Prod. Gr. 519



ATORN® DICK Triangular hollow scrapers, solid scrapers, flat scrapers

DIN 8350 A, B, C

Design: chrome vanadium steel, chrome plated, wooden handle.

Blade length	mm	75	100	125	150			200			
Blade width	mm	6	12	18	12	10	14	18	14	16	20
Ident. No.		075	500	500	510	510	520	510	520	530	520
53705 ATORN® Unit price	€	—	O. R.	—	O. R.	—	O. R.	—	—	O. R.	—
53705 DICK Unit price	€	O. R.	—	—	—	—	—	—	—	—	—
53706 ATORN® Unit price	€	—	—	—	—	O. R.	—	—	O. R.	—	—
53710 ATORN® Unit price	€	—	—	O. R.	—	—	—	O. R.	—	—	O. R.

ATORN® = Prod. Gr. 596

DICK = Prod. Gr. 524



No. 53705 Triangular hollow scraper



No. 53706 Triangular solid scraper



No. 53710 flat scraper

Flat scraper

Design: carbide-tipped, wooden handle.

Blade length	mm	200	220	250
Blade width	mm	15	20	25
Ident. No.		210	270	320
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 550



Flat scraper

Design: with carbide turnover scraper plate and plastic grip

Advantage:

The carbide scraper plates are four-bladed, ground and lapped, they can also be used for electric hand scrapers.



Blade length	mm	300	350
Overall length	mm	420	470
Plate dimensions L x W x T	mm	25 x 20 x 2	25 x 25 x 2
Ident. No.		010	020
53712 Flat scraper with carbide turnover plate, quality K 20	€	O. R.	O. R.
53713 Spare carbide turnover plates	€	O. R.	O. R.

Prod. Gr. 550

Seal scrapers

Application: for removing old seals and adhesive from flanges, cylinder heads, valve caps etc.

Design: chrome-vanadium special steel, forged, chromated surface.



Blade length	mm	150
Blade width	mm	24
Overall length	mm	265
Ident. No.		010
53714	€	O. R.
Unit price	€	O. R.

Prod. Gr. 550

BAHCO ERGO paint scrapers

Application: abrasion of lacquer, glue, rust, etc. on any surface.

Ident. No. 010 acceptance of HM blades in triangular, round, drop- and pear-shaped forms. Delivery with a triangular blade.

Ident. No. 020 Receives straight blades with or without serrated edge, 50 or 65 mm wide, delivery with a straight, 50 mm wide blade.

Ident. No. 030 with a two-handed grip for high power transmission. Receives straight blades with or without serrated edge, 50 or 65 mm wide. Delivery with a straight, 65 mm wide blade.

Design: with exchangeable hard-metal blades, with ERGO-2 components handle.

Accessories:

Ident. No. 100-130 spare blades of carbide for colour scraper Ident. No. 010.

Ident. No. 200-230 spare blades of carbide for colour scraper Ident. No. 020 and 030.



Ident. No. 010



Ident. No. 020



Ident. No. 030



Ident. No. 110



Ident. No. 120



Ident. No. 130

Overall length	mm	195				250		245	
53715	Ident. No.	010				020		030	
Unit price	€	O. R.				O. R.		O. R.	
Dimensions	mm	25	17	17	17	50	65	50	65
Spare blade	Shape	triangular	Drop	light bulb	round	straight, serrated blade	straight, serrated blade	Straight	Straight
53715	Ident. No.	100	110	120	130	210	220	230	240
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 519

Snips for electronics and telephone shears

Design: nickel-plated

Designation	Version	Electrician's snips		Telephone shears	
		Straight	Curved	Straight with wire cutters	125
Length	mm	115	115	030	
53717	Ident. No.	010	020	030	
Unit price	€	O. R.	O. R.	O. R.	

Prod. Gr. 551



Electronics snips



Telephone shears

Goldsmith scissors

Design: head burnished, with screw

Length	mm	180
53718	With straight blades	Ident. No. 010
Unit price	€	O. R.
53718	With straight blades and scissor eyes	Ident. No. 015
Unit price	€	O. R.
53719	With curved blades	Ident. No. 010
Unit price	€	O. R.

Prod. Gr. 551



No. 53718 010



No. 53718 015

Work knives/fitter's knives

Design: rustproof blades

Ident. No. 100 fixed blade, blue plastic grip

Ident. No. 110 fixed blade, blue plastic grip

Ident. No. 115 shock-proof blade, beech wood handle

Ident. No. 120 Pocket knife with 6 folding blades/tools

Ident. No. 125 Lock-Knife pocket knife, adjustable blade, wooden handle, delivered with leather belt-bag.



Ident. No. 100



Ident. No. 115



Ident. No. 110



Ident. No. 125



Ident. No. 120

Overall length	mm	180	270	290	120	220
53719	Ident. No.	100	110	115	120	125
Unit price	€	O. R.				

Prod. Gr. 551

BAHCO Multi prybar

Application: multifunctional for separation, splitting and lifting.

Design:

Grip made of impact resistant PPE. Blade ground on two sides, it can be machined on the handle end as well as on the long blade side per hammer.



Overall length	mm	231
Blade dimensions L x W x D	mm	100 x 25 x 4
53719	Ident. No.	200
Unit price	€	O. R.

Prod. Gr. 519

Precision scissors

Design: pointed tips with smooth extremely sharp blades. Nickel-plated surface.

Ident. No. 001-002 weaver scissors with straight or bent cut

Ident. No. 003 outline scissors for finest cutting work

Ident. No. 004 Embroidery scissors for precise cutting at tight radii



Ident. No. 001, straight or bent



Ident. No. 003 silhouette scissors



Ident. No. 004 sticker scissors

Length	mm	110	105	90
Blade shape		Straight	Straight	Straight
53720	Ident. No.	001	002	003
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 551

Paper scissors and multi-purpose scissors



Ident. No. 010-020



Ident. No. 030



Ident. No. 040



Ident. No. 050

Designation	Paper scissors			Multi-purpose scissors		Universal cutters
	Nickel-plated	Nickel-plated	Nickel-plated	Non-rusting blades, for left and right-handers	Stainless steel blades non-rusting, HRC 50-54	
Version						Blade rustproof can be dismantled
Length	mm	150	200	250	205	250
53720	Ident. No.	010	015	020	030	040
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 551

Industrial scissors

Design: nickel-plated blade surface



Ident. No. 005



Ident. No. 006



Ident. No. 010



Ident. No. 020

Version	cutter with micro-teeth rounded tops	smooth cutting the bottom blade chamfered in front the top blade tapered off	Toothed blade, dismantleable, special screw	Smooth blade
Length mm	105	175	210	250
53721 Ident. No.	005	006	010	020
Unit price €	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 551

Erdi All-purpose shears

Application: for cutting leather, thin sheet metal, fabric materials, plastic, paper, cardboard, string, wires etc.

Design: cutters made of stainless steel. Ergonomically designed plastic handles with anti-slip protection.



Ident. No. 500



Ident. No. 510



Ident. No. 550

Length mm	140 Straight	190 Straight	185 Angled
Version	Straight	Straight	Angled
53722 Ident. No.	500	510	550
Unit price €	O. R.	O. R.	O. R.

Prod. Gr. 552

ORION All-purpose shears TOP

Application:

Cuts sheet metals, soft wires, iron bands, fabric, cardboard, plastic, paper, leather, flowers, branches, carpets, twine and many others.

Design:

Particularly robust. Head made of high-quality stainless steel, with ergonomic grips, safety catch, blade toothed.

Length mm	180 Straight
Version	Straight
53723 Ident. No.	010
Unit price €	O. R.

Prod. Gr. 598


ORION All-purpose and electrician's shears TOP

Application: cuts cable, insulating materials, cable trays, leather, cardboard and many others.

Design:

Head made of stainless non-rusting steel, with screw joint, 2-component grip, one fine toothed blade, one smooth blade, precision work on cables and strands guaranteed.

Length mm	140 Blunt
Design of tip	Blunt
53724 Ident. No.	010
Unit price €	O. R.

Prod. Gr. 598



Fabric scissors

Application:

For heavily cutable materials, such as for example glass and carbon fibre mats or Aramid fabric (Kevlar)

Design:

Precision-ground cutting edge, toothed on one side. Joint screwed and adjustable.

Length	mm	200	250
Ident. No.	001	002	
Unit price	€	O. R.	O. R.

Prod. Gr. 551



Ident. No. 001



Ident. No. 002



Pipe cutter with interchangeable knife

Application:

Cutting of thin-walled plastic pipes and hoses (also fabric-reinforced).

Design: With opening spring and locking lever. Body made of glass fibre reinforced plastic, blade made of special tool steel.

max. cutting edge diameter	mm	25
Overall length	mm	185
53728	Pipe cutter	Ident. No. 010
Unit price	€	O. R.
53728	Spare blade	Ident. No. 100
Unit price	€	O. R.

Prod. Gr. 535



Ident. No. 010



All-purpose shears COMBINOX® with straight blade

Application:

For soft materials up to thin copper and aluminium sheeting, **not for steel and hardened or naturally hard materials.**

Design: All metal parts made of high-quality stainless steel, ergonomically formed handgrips, single-handed locking.

Additional use:

Stripping function for cables with 1 and 2 mm² conductor cross section, wire-guide for cutting wires.

Length	mm	190
53735	Ident. No.	010
Unit price	€	O. R.

Prod. Gr. 552



Packer's and multi-purpose scissors model CP, Swiss made

Application: for cutting packing strips, wires and steel strips up to 1.5. mm.

Design: grips with plastic sheathing The knives can be resharpened.

Length	mm	205
53750	Ident. No.	010
Unit price	€	O. R.

Prod. Gr. 546



ATORN® Steel strapping safety shears with lever action

Application: for cutting steel and plastic strapping

Design:

with hold-down clamp – prevents the strap from springing up. Comfortable grips with anti-slip protection

For strip width / strip thickness	up to mm	25/0,5	50/1,2
Length	mm	250	600
53751	Ident. No.	200	510
Unit price	€	O. R.	O. R.

Prod. Gr. 597



Ident. No. 200



Ident. No. 510

Erdi Safety steel band shears with lever action

Design:

drop-forged head, GS-tested, 2-component handle, with anti-slip protection. Single-handed operation, self-opening with built-in spring. The narrow, tapered, flat lower part allows the shears to be slid easily beneath the stretched steel band. A clamping device prevents the ends of the steel band whipping up during cutting.

For strip width / strip thickness	up to mm	32/1,0
Length	mm	260
53751	Ident. No.	020
Unit price	€	O. R.



Prod. Gr. 552

Safety steel strip cutters

Design:

With the rubber buffer the cut-out strip ends are held firmly and thus are secured against sudden bouncing up. For strip widths with up to 32 mm diameter.

Handle length	mm	200
53752	Ident. No.	015
Unit price	€	O. R.



Prod. Gr. 551

Crate pliers

Design:

Easy opening of the crates without injury-risk. The spring is lifted out of the groove of the stop cam when the arms are pressed together. In case of bolt-shutter, the jaws pull the bolt from the groove of the stop cam when arms are pressed together.

53754	Crate pliers	Ident. No.	030
Unit price		€	O. R.



Prod. Gr. 551

Hand metal shears

Application: for cutting, notching and slotting.

Design:

With special knife for material up to 1500 N/mm². The shears can be used freehand, fixed in place or clamped in a vice. The shears body is made of chrome-nickel steel. Complete length 980 mm, weight 8.6 kg.

Cutting capacity for unlimited lengths:	up to mm	4,5/8/10	
sheet metal/steel flats/steel rods Ø	mm	5	
Notches T- and L-shaped sectional steel up to thickness	mm	70	
Slotted pipes from clear width	mm	300	
Cuts discs up to Ø	mm		
53755	Shears	Ident. No.	020
Unit price		€	O. R.
53757	Spare blade	Ident. No.	010
Set price		€	O. R.



Prod. Gr. 551

Manual lever snips

Application:

For cutting sheet metal, flat, round and square steel (not suitable for stainless steel sheets).



Ident. No. 010



Ident. No. 030



Ident. No. 040

Model		2BR4	2BR6	3BR4 300	5RP10
Blade length	mm	120	180	300	175
Max. material cutting capacity: sheet	mm	4	6	5	10
Flat steel bars	mm	50 x 4	70 x 6	70 x 4	90 x 14
Round steel rods	mm	11	13	13	22
Square steel rods	mm	-	-	-	20
L or T shaped sectional steel	mm	-	-	-	60 x 7
Weight of shears	Kg	8	18	25	105
53790	Shears	Ident. No.	010	020	030
Unit price	€		O. R.	O. R.	O. R.
53790	Replacement upper blade	Ident. No.	110	120	130
Unit price	€		O. R.	O. R.	O. R.
53790	Replacement lower blade	Ident. No.	210	220	230
Unit price	€		O. R.	O. R.	O. R.

► Matching workstation for models Ident. No. 010-030 with solid beech plate on request.

Prod. Gr. 580

SHAVIV Universal deburrer Mango II / B10

Application: for deburring straight edges, boreholes and slots.

Comprising: Mango II handle with safety lock (direct holder) and 10 blades type B10

Version		Mango II / B10
53811	Ident. No.	005
Set price	€	O. R.

Prod. Gr. 554



SHAVIV Universal deburrer Mango II set B

Application:

For deburring hard-to-reach bores, e. g. in cavities, as also on external walls.

Consisting of: ergonomic Mango II handgrip with magazine, 1 tool holder B, 1 blade HSS B10, 1 blade HSS B20. Blade shank Ø 2.6 mm.

Version		B
53811	Ident. No.	016
Unit price	€	O. R.



Prod. Gr. 554

SHAVIV Spare blades

Application: for universal deburrer sets B.



Shape	Blade type	Use	Shank Ø and length	53811
			mm	Ident. No.
B 10	Universal HSS	Steel, aluminium	2,6 x 25	020
B 10 TiN	Universal TiN-coated	Steel, aluminium, increased service life	2,6 x 25	025
B 10 C	Solid carbide	Hard materials, long-cutting	2,6 x 25	030
B 10 D	Diamond-coated	Hardened steel, glass, porcelain	2,6 x 25	035
B 12	HSS	Plastic, long-cutting	2,6 x 25	040
B 12 TiN	HSS TiN-coated	Plastic, increased service life	2,6 x 25	042
B 20	HSS	Brass casting, plastic, right and left handed	2,6 x 25	045
B 20 TiN	HSS TiN coated	Brass casting, plastic, increased service life	2,6 x 25	050
B 20 C	Solid carbide	Hard materials, short-cutting, right and left-handed	2,6 x 25	055
B 30	HSS	Steel and aluminium, inside and outside of bores in pipes or sheet metal	2,6 x 25	060
B 32	HSS	Brass and cast metal, inside and outside of bores in pipes or sheet metal	2,6 x 25	065
B 60	HSS	Backwards deburring in hard-to-reach places	2,6 x 45	075
B 10 S	Universal HSCO	Steel, aluminium, stainless steel, increased service life	2,6 x 25	081

Prod. Gr. 554

SHAVIV Spare B – blade set – TiN coated

Design: TiN-coated for best surface quality and high wear resistance.

Delivery: 10 blades in 5 different forms

Shape Shank Ø x Length	mm	B 10 P, B 11 P, B 12 P, B 20 P, B 30 P 2,6 x 25
53811	Ident. No.	085 O. R.

Prod. Gr. 554



SHAVIV Tool holders

Application: for universal deburrer sets B, Shank Ø 2.6 mm

Version	B	GLO-BURR B
53811	Ident. No.	090
Unit price	€	O. R.

Prod. Gr. 554



Glo-Burr B holder Ident. No. 095

SHAVIV Ceramic deburring tool

Application: deburring of external edges and surfaces from metal or plastic

Design: GLO-BURR handle, fixed ceramic blade (not exchangeable)

Version	Ceraburr
53811	Ident. No.
Unit price	€

Prod. Gr. 554



SHAVIV Universal deburrer Mango II set C

Consisting of: ergonomic Mango II handgrip with magazine, 1 tool holder C, 1 triangular scraper HSS C 42, with tightening key.

Version	C	
53811 Deburring set	Ident. No.	116
Unit price	€	O. R.
Version		
Length	mm	20
Width	mm	4
53811	Ident. No.	120
Unit price	€	O. R.
		O. R.



Prod. Gr. 554

SHAVIV Tool holders

Application: for universal deburrer sets C with an inside thread.

Version	C	
53811	Ident. No.	190
Unit price	€	O. R.



Holder C

Prod. Gr. 554

SHAVIV Universal deburrer Mango II / E100

Application: for deburring straight edges, boreholes and slots.

Comprising: Mango II handle with safety lock (direct holder) and 10 blades type E100

Version	Mango II / E100	
53811	Ident. No.	300
Set price	€	O. R.

Prod. Gr. 554



SHAVIV Universal deburrer Mango II set E

Application: for deburring straight edges, boreholes and slots.

Consisting of: ergonomic Mango II handgrip with magazine, tool holder E, 1 blade each E100, E200, E300. Blade shank 3.2 mm.

Version	E	
53811	Ident. No.	312
Unit price	€	O. R.

Prod. Gr. 554



SHAVIV Universal deburrer Mango II Basic E

Application: for deburring straight edges, boreholes and slots.

Consisting of: ergonomic Mango II handgrip with magazine, 1 adapter E, 1 blade each E100, E200, E300. Blade shank Ø 3.2 mm.

Version	Basic E	
53811	Ident. No.	318
Unit price	€	O. R.

Prod. Gr. 554



SHAVIV Spare blades
for universal deburrer sets E and AE

E 100
Ident. No. 320

E 111
Ident. No. 328

E 100 C
Ident. No. 335

E 100 TiN
Ident. No. 340

E 200, 220 TiN
Ident. No. 350 and 355

E 250
Ident. No. 360

E 200 C
Ident. No. 365

E 320
Ident. No. 370

E 100 S
Ident. No. 376

E 600
Ident. No. 380

E 601
Ident. No. 385

E700, 720
Ident. No. 386

Shape	Blade type	Use	Shank Ø and length	53811
			mm	Ident. No.
E 100	Universal HSS	Steel and aluminium, long-chipping	3,2 x 48	320
E 110	E-blade with cutting head B 10 HSS	Steel and aluminium	3,2 x 48	325
E 111	-	Aluminium, plastics and copper, bores from 1.5 mm Ø	3,2 x 48	328
E 100 L	Universal HSS for left-handers	Long-chipping materials	3,2 x 48	330
E 100 C	Solid carbide	Hard materials, long-cutting	3,2 x 48	335
E 100 TiN	HSS-TiN-coated hardened steel, cast metal, glass	Long service life, long-chipping	3,2 x 48	340
E 200	HSS	Brass, cast metal, plastic, right/left, short-chipping	3,2 x 48	350
E 200 TiN	HSS TiN-coated for increased service life, short-chipping		3,2 x 48	355
E 200 C	Solid carbide	Brass, cast metal, plastic, right/left, short-chipping	3,2 x 48	360
E 300	HSS	Internal and external deburring of sheets, holes, long-chipping	3,2 x 48	365
E 320	HSS	Brass, cast metal, short-chipping	3,2 x 48	370
E 100 S	Universal HSCO	Steel, aluminium, stainless steel, increased service life	3,2 x 48	376
E 600	HSS	Backwards deburring blade	3,2 x 62	380
E 601	-	Long version	3,2 x 98	385
E 700	HSS	Plastics and metal	3,2 x 98	386

Prod. Gr. 554

SHAVIV Spare E – blade set – TiN coated

Design:

TiN coated for the best surface quality and high wear resistance.

Delivery: 10 blades in 5 different forms

Shape	E 100 P, E 110 P, E 111 P, E 200 P, E 300 P
Shank Ø x Length	3,2 x 48
53811	Ident. No. 388
Set price	€ O. R.

Prod. Gr. 554


SHAVIV Tool holders

Application: for universal deburrer E for blades with shank Ø 3.2 mm.

Version	E	GLO-BURR E
53811	Ident. No. 390	395
Unit price	€ O. R.	O. R.

Prod. Gr. 554



Ident. No. 390



Holder, GLO-BURR E Ident. No. 395

SHAVIV Universal deburrer Mango II sets F and FR

Set F comprising of: ergonomic Mango II hand grip, 1 tool holder F, 1 countersink 90° F20.

Set FR comprising of: ergonomic Mango II handgrip, tool holder FR with ratchet, 1 countersink 90° F20.

Version	F (without ratchet)		
53811	412		
Unit price	€ O. R.		
Version	FR (with ratchet)		
53811	418		
Unit price	€ O. R.		
Version	Spare chamfering drill HSS, Shape F 12	Spare chamfering drill HSS, Shape F 20	Spare chamfering drill HSS, Shape F 30
Countersinking angle/Ø	90°/Ø 12 mm	90°/Ø 20 mm	90°/Ø 30 mm
53811	420	425	430
Unit price	€ O. R.		

Prod. Gr. 554



Ident. No. 412



Ident. No. 418



Ident. No. 420



Ident. No. 425



Ident. No. 430

SHAVIV Deburrer set Mango II set Burr-Ex

Application: for external deburring of pipes and cylinders up to Ø 26 mm.

Consisting of: 1 ergonomic Mango II hand grip, 1 tool holder FR, 1 blade BURR EX F26 X.

Version	FR with ratchet		
53811	466		
Unit price	€ O. R.		
Version	replacement deburrer insert, Shape 26 X		
Use	For external deburring of pipes of 3-26 mmØ		
53811	470	O. R.	
Unit price	€ O. R.		

Prod. Gr. 554



Ident. No. 466



Ident. No. 470

SHAVIV Tool holders with external thread

Application: for universal deburrer sets F and FR

Version	F without ratchet	FR with ratchet
53811	490	495
Unit price	€ O. R.	O. R.

Prod. Gr. 554



Holder F Ident. No. 490



Holder FR Ident. No. 495

SHAVIV Universal deburrer Mango II set BURR-BI

Application:

For deburring sheets up to 14 mm material thickness, with integrated hand protection.

Consisting of: ergonomic Mango II hand grip, 1 tool holder BURR-BI, 2 HSS indexable inserts R10 with tightening key.



Ident. No. 612



Ident. No. 614



Ident. No. 616



Ident. No. 606

Version	BURR-BI		
53811	606		
Unit price	€ O. R.		
Version	Spare indexable insert, Shape R 10	Spare indexable insert, Shape R 20	Spare indexable insert, Shape R 30
Reversing plate type	Round, double sided HSS-turnover plate with universal blade geometry	Round, double sided HSS-turnover plate with blade geometry for heavy duty applications	Square HSS turnover plate for edge rounding with blade geometry for hard materials, which give spiral chips
Use	Side A: for steel, aluminium, stainless steel and other materials side B: for brass and plastic	For steel, aluminium, stainless steel and hard materials	For steel, non-rusting steel, aluminium, brass, for sheets up to 16 mm thickness
53811	612	614	616
Unit price	€ O. R.	O. R.	O. R.

Prod. Gr. 554

SHAVIV Holder

Application: for universal deburrer set BURR-BI.

Version		BURR-BI-BR
53811	Ident. No.	680
Unit price	€	O. R.

Prod. Gr. 554



SHAVIV Hand protection

Application:

Hand protection made of non-rusting steel for all SHAVIV holders. Simple to assemble Recommended for the sets D, G and H.

Version		3 G
53811	Ident. No.	695
Unit price	€	O. R.

Prod. Gr. 554



SHAVIV Deburrers individual tools and sets



Ident. No. 800



Ident. No. 820



Ident. No. 876, 877, 878



Ident. No. 885



Ident. No. 845



Ident. No. 895

Version	Use	53811	Ident. No.	U. pr. €
Handle A	For holders B-C-D-E-F-G-K		800	O. R.
Tool holder HC1	For twist drills, reamers, needle files Ø 0.5-8 mm		820	O. R.
Deburrer set MB2000	With blade E 100 blade interchangeable for all E blades, steel and aluminium, shank Ø 3.2 mm		845	O. R.
Handle piece Mango II	Fits all holders and blades		876	O. R.
Handle piece Mango II B	For all B blades, direct insertion (Safety-Lock)		877	O. R.
Handle piece Mango II E	For all E-blades, direct holder (safety lock)		878	O. R.
Handle piece A	Aluminium for all holders during heavy processing		885	O. R.
Deburrer set UB2000	With blade B10. Interchangeable for all blades B, steel and aluminium shank Ø 2.6 mm		895	O. R.

Prod. Gr. 554

SHAVIV Deburrers sets

Ident. No. 900 Deburring and scraping, normal carrying capacity

Ident. No. 901 Deburring and scraping, high carrying capacity

Ident. No. 902 Deburring and cleaning of sheet metals

Ident. No. 903 Deburring and chamfering of round parts

Ident. No. 904 deburring of all very demanding materials. Equipped with 8 pieces of TiN-coated blades.



Ident. No. 900



Ident. No. 901



Ident. No. 902



Ident. No. 903



Ident. No. 904

Version	Contents	53811	Ident. No.	Set pr. €
Kit BC	Mango II handle, blade holder B and C, blades B 10, 20, 30, 60, 11, 70 and C 40		900	O. R.
Kit EC	Mango II handle, blade holder E and C, blades E 100, 200, 300, 600, 700 and C 42		901	O. R.
Kit DE	Mango II handle, blade holder D and E, blades D80C, D82C, E100, 111, 200, 300, 700		902	O. R.
Kit EF	Mango II handle, blade holder E and F, blades E 100, 111, 200, 300, 601 and F 20, 26		903	O. R.
Premium kit TIN	Aluminium blade holder with quick-change chuck, blade holders B and E, TiN blades B 10 P, B 11 P, B 20 P, B 30 P, E 100 P, E 111 P, E 200 P, E 300 P		904	O. R.

Prod. Gr. 554

ATORN® Wad punches

made of special steel, drop-forged

DIN 7200 A

Design: conical relief, pipe ground and burnished, enamelled, colour blue.



Ø	mm	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
53815	Ident. No.	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517
Unit price	€	O. R.															
Ø	mm	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
53815	Ident. No.	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533
Unit price	€	O. R.															
Ø	mm	34	35	36	37	38	39	40	42	44	46	48	50	55	60		
53815	Ident. No.	534	535	536	537	538	539	540	542	544	546	548	551	555	560		
Unit price	€	O. R.															

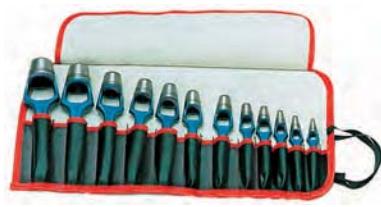
Prod. Gr. 596

ATORN® Wad punches
made of special steel, drop-forged
set in plastic roll-up pouch

Design: conical relief, pipe ground and burnished, enamelled, colour blue.

Set	Contents 1 piece each of Ømm	53815	
6-part	3, 6, 8, 10, 16, 20	800	O. R.
8-part	3, 6, 8, 10, 12, 16, 20, 25	810	O. R.
12 piece	3, 5, 6, 8, 10, 12, 13, 14, 16, 19, 22, 25	820	O. R.

Prod. Gr. 596


KNIPEX® Revolving hole-punch

Application: for drilling of soft materials

Design:

Plier arms powder-coated, 6 interchangeable hole punches in diameters 2.0/2.5/3.0/3.5/4.0/5.0 mm

Length	mm	220
53819	Ident. No.	010
Unit price	€	O. R.

Prod. Gr. 535


Revolving hole-punch

made of sheet steel

Design:

Cross-hatched grips, with 6 exchangeable hole punches, punch diameter 2; 2.5; 3; 3.5; 4; 4.5 mm.

Length	mm	220
53820	Hole-punch	500
Unit price	€	O. R.

Prod. Gr. 580


ALFRA Sheet metal punches Tristar

Operation by means of a spanner, hydraulic punch or battery compact punch. Burr-free hole punching, no jamming of the plate at the centre on account of the triple division.

Scope of delivery: stamp and die (screw or tension bolt have to be ordered separately).



Sheet metal punch Ø mm	PG / ISO Size	Matching screw mm	Max. sheet thickness mm	53829		Sheet metal punch Ø mm	PG / ISO Size	Matching screw mm	Max. sheet thickness mm	53829	
				Ident. No.	U. pr. €					Ident. No.	U. pr. €
12,5	ISO M 12	6,0 x 40	1,5	125	O. R.	30,5	-	9,5 x 50	2,0	305	O. R.
15,2	PG 9	9,5 x 50	2,0	152	O. R.	32,5	ISO M 32	19,0 x 55	3,0	325	O. R.
16,2	ISO M 16	9,5 x 50	2,0	162	O. R.	37,0	PG 29	19,0 x 55	3,0	370	O. R.
18,6	PG 11	9,5 x 50	2,0	186	O. R.	40,5	ISO M 40	19,0 x 75	3,0	405	O. R.
20,4	ISO M 20 / PG 13	9,5 x 50	2,0	204	O. R.	47,0	PG 36	19,0 x 75	3,0	470	O. R.
22,5	PG 16	9,5 x 50	2,0	225	O. R.	50,5	ISO M 50	19,0 x 75	3,0	505	O. R.
25,4	ISO M 25	9,5 x 50	2,0	254	O. R.	60,0	PG 48	19,0 x 75	3,0	600	O. R.
28,3	PG 21	9,5 x 50	2,0	283	O. R.	63,5	ISO M 63	19,0 x 75	3,0	635	O. R.

Sheet metal punch for special steel available on request.

Prod. Gr. 554

ALFRA Spare screws and draw studs for sheet metal punch

Ident. No. 010-040 Ball bearing screws for operation by means of a spanner.

Ident. No. 050-070 Draw stud for hydraulic punch driver or cordless compact punch

Version Dimensions	mm	Ball bearing screw			Draw stud			
		6,0 x 40	9,5 x 50	19,0 x 55	19,0 x 75	19,0 x 6,0	19,0 x 9,5	19,0
53829	Ident. No.	010	020	030	040	050	060	070
Unit price	€	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 554



Ident. No. 030



Ident. No. 050



Ident. No. 070

ALFRA Sheet metal punch sets Tristar

Delivery: in plastic box

Ident. No. 100 with column sheet metal punch 12.5 / 16.2 / 20.4 / 25.4 / 32.5 / 40.5 / Ball bearing screws 6x40 / 9.5x50 / 19x55 / tie bolt, HSS 10.0 / sliding paste

Ident. No. 110 with column sheet metal punch 16.2 / 20.4 / 25.4 / 32.5 / 40.5 (spare set)

Ident. No. 120 with column sheet metal punch 16.2 / 20.4 / 25.4 / 32.5 / 40.5 / 50.5 / 63.5 (spare set)

Number of pieces	Unit	11	5	7
53829	Ident. No.	100	110	120
Set price	€	O. R.	O. R.	O. R.

Prod. Gr. 554



Ident. No. 100



Ident. No. 120

ALFRA Compact manual hydraulic punches with overpressure valve

Ident. No. 200 **Design:** straight aluminium design, weight only 1.6 kg. Punch force 75 kN, operating pressure max. 650 bar, max. punch performance: round holes up to 85 mm / 2 mm sheet metal, 64 mm / 3 mm sheet metal. Square 68x68, rectangular 36x112 / 2 mm sheet metal.

Set content: straight hydraulic punch, tension bolt 19 mm and 19x9.5 mm, drill for pre-drilling HSS 11 mm, 3 piece spacer sleeve set, delivery in plastic case.

Ident. No. 210 **Design:** with 90° angled and 360° rotatable aluminium cylinder head. Weight only 1.9 kg. Punch force 75 kN, operating pressure max. 650 bar, max. punch performance as for Ident. No. 200.

Set content: angled hydraulic punch, tension bolt 19 mm and 19x9.5 mm, drill for pre-drilling HSS 11 mm, 3 piece spacer sleeve set, delivery in plastic case.

Version		Punch straight	Punches angled
53829	Without sheet metal punch	Ident. No.	200
Unit price	€	O. R.	O. R.

Prod. Gr. 554



Ident. No. 200



ATORN® Keyhole saws made of HSS bi-metal
 made of HSS bi-metal

Design:

High running accuracy, solid base plate with increased stability. Variable tooth pitch provided for even cut, low vibration and heat generation. Lateral slots in the body facilitate the removal of cut parts. Cutting depth 38 mm.

Ident. No. 014-152 suitable for unalloyed steel (up to 700 N/mm²), non-ferrous metals, light metals, plastic materials, plaster, fibre and plywood boards, light-weight building boards and general wood processing.

Ident. No. 160-201 suited for wood and wood substitutes only

Delivery: individually packed with indication of the cutting values. **Without attachment shaft and drill – please order separately**

Saws Ø		53841		Saws Ø		53841		Saws Ø		53841	
mm	inch	Ident. No.	U. pr. €	mm	inch	Ident. No.	U. pr. €	mm	inch	Ident. No.	U. pr. €
14	9/16	014	O. R.	43	1 11/16	043	O. R.	83	3 1/4	083	O. R.
16	5/8	016	O. R.	44	1 3/4	044	O. R.	86	3 3/8	086	O. R.
17	11/16	017	O. R.	46	1 13/16	046	O. R.	89	3 1/2	089	O. R.
19	3/4	019	O. R.	48	1 7/8	048	O. R.	92	3 5/8	092	O. R.
20		020	O. R.	51	2	051	O. R.	95	3 3/4	095	O. R.
21	1 3/16	021	O. R.	52	2 1/16	052	O. R.	98	3 7/8	098	O. R.
22	7/8	022	O. R.	54	2 1/8	054	O. R.	102	4	102	O. R.
24	15/16	024	O. R.	57	2 1/4	057	O. R.	105	4 1/8	105	O. R.
25	1	025	O. R.	59	2 5/16	059	O. R.	108	4 1/4	108	O. R.
27	1 1/16	027	O. R.	60	2 3/8	060	O. R.	111	4 3/8	111	O. R.
29	1 1/8	029	O. R.	64	2 1/2	064	O. R.	114	4 1/2	114	O. R.
30	1 3/16	030	O. R.	65	2 9/16	065	O. R.	121	4 3/4	121	O. R.
32	1 1/4	032	O. R.	67	2 5/8	067	O. R.	127	5	127	O. R.
33	1 5/16	033	O. R.	68	2 11/16	068	O. R.	140	5 1/2	140	O. R.
35	1 3/8	035	O. R.	70	2 3/4	070	O. R.	152	6	152	O. R.
37	1 7/16	037	O. R.	73	2 7/8	073	O. R.	160		160	O. R.
38	1 1/2	038	O. R.	74		074	O. R.	168		168	O. R.
40	1 9/16	040	O. R.	76	3	076	O. R.	177		177	O. R.
41	1 5/8	041	O. R.	79	3 1/8	079	O. R.	210		201	O. R.

Prod. Gr. 528


 Ident. No. 064
 without attachment shaft

 Ident. No. 108
 without attachment shaft

ATORN® Accessories
 for keyhole saws made of HSS bi-metal

Ident. No. 210-250 Attachment shafts with hexagon or SDS drive, incl. centre drill

Ident. No. 270 Centre drill HSS Ø 6.35 mm

Ident. No. 280 Extension shaft 300 mm length for hexagon drive

Ident. No. 330 Ejector spring for ejecting the centre after the cut

Designation				Arbours			
For key hole saws Ø				mm	14-30	32-210	
Hexagonal				Width a. f. mm	9,5	11,1	
Drill chuck capacity				mm	10	13	
53841	Attachment shaft with hexagon 9.5 mm	Ident. No.	210		–		
		€	O. R.		–		
53841	Attachment shaft with hexagon 11.1 mm	Ident. No.	–		240		
		€	–		O. R.		
53841	Attachment shaft SDS	Ident. No.	230		250		
		€	O. R.		O. R.		
53841	Spare centre drill	Ident. No.	270				
		€	O. R.				
53841	Extension 300 mm for 9.5 and 11.1	Ident. No.	280				
		€	O. R.				
53841	Ejector spring (Accessories)	Ident. No.	330				
		€	O. R.				

Prod. Gr. 528



Ident. No. 210



Ident. No. 250



Ident. No. 270



Ident. No. 280



Ident. No. 330

ATORN® Keyhole saw sets
Application:

Suitable for metal, wood containing nails, fibre board, plywood, plastics, pipes, plates. Cutting depth 38 mm, resharpenable. Drill bit replaceable with other standard makes.

Design: HSS-bi-metal with Combi-teeth for best boring properties.



Ident. No. 005



Ident. No. 006



Ident. No. 008

Contents	10-part Ø 22, 29, 35, 44, 51, 64, 68 mm 2 attachment shafts 1 spare centre drill	12-part Ø 16, 19, 22, 29, 35, 44, 52, 57, 67 mm 2 attachment shafts 1 spare centre drill	15-part Ø 16, 19, 22, 25, 29, 32, 35, 38, 44, 51, 64, 76 2 attachment shafts 1 spare centre drill
53841 Ident. No.	005	006	008
Set price	€ O. R.	€ O. R.	€ O. R.

Prod. Gr. 528

ALFRA carbide keyhole saws straight cut

True running accuracy through stable construction.

For materials: stainless steel up to 2 mm, unalloyed steels up to 4 mm, synthetic materials, aluminium, zinc, plaster, wood. For use on portable drilling machines and pillar drilling machines. Ready for use, including centre drill and ejection spri



Saws Ø	16	18	20	22	22,5	25	26	27	28	30	35	40
Number of teeth	4	4	5	5	5	5	5	5	5	5	5	5
53842 Ident. No.	160	180	200	220	225	250	260	270	280	300	350	400

► Diameter up to 120mm for straight cut, and deep-cut keyhole saw on request.

Prod. Gr. 529

Ring cutters
Application:

For fast and economical manufacture of gaskets, suitable for all cutable materials such as rubber, PTFE, PVC, cardboard, leather etc.

Smallest inside Ø/largest outside Ø	mm	25/300
Max. material thickness approx.	mm	6
Size of working plate	mm	300 x 300
53844 Ring cutter complete	Ident. No.	010
Unit price	€	O. R.
53844 Spare blade	Ident. No.	020
Unit price	€	O. R.

Prod. Gr. 554



ORION® Hand riveting pliers

Application: for blind rivets made of aluminium alloy, copper, steel and stainless steel.

Version		Hand riveting pliers with transmission
Suitable for aluminium	Ømm	Up to 4
Working area stainless steel	Ømm	Up to 4
Included nosepieces	Unit	4
Length	mm	270
53197	Ident. No.	020
Unit price	€	O. R.



► For matching blind rivet see No. 53195 160-190 page 1513.

Prod. Gr. 593

GESIPA® Blind riveting pliers and riveters

Application: for blind rivets made of aluminium alloy, copper, steel and stainless steel.



Model NTS



Model NTX



Flipper model



Model HN 2

Model		NTS	NTX	Flipper	HN 2
Version		Hand riveting pliers with opening spring	Hand riveting pliers with transmission	Hand riveting pliers	Lever riveter
Suitable for aluminium	Ømm	≤5	≤5	≤5	≤6,4
Stainless steels	Ømm	≤4	≤4	≤4	≤6,4
Included nosepieces	Unit	4	3	3	5
Length	mm	275	260	212	570
53195	Ident. No.	015	020	025	030
Unit price	€	O. R.	O. R.	O. R.	O. R.
53195	Spare chuck jaws set of 2	Ident. No.	210	-	-
Set price	€	O. R.	O. R.	-	-

Prod. Gr. 561

GESIPA® Rivet assortments with hand riveting tool

Ident No. 035 assortment with manual blind riveting pliers Model NTS in a plastic case. With 100 pieces alu blind rivets Ø 4 mm in short, medium, long and basic washers.

Ident No. 036 assortment with manual blind riveting pliers Model Flipper in a plastic case. With 250 pieces multirange blind rivets PolyGrip Alu/Steel in 3.2x8.0/4.0x10.0 and 4.8x10.0 mm.

Ident No. 037 assortment Junior-Nietbox with manual blind riveting pliers Model NTX in steel sheet case. With 5 blind rivet dimensions alu/steel 3.0x6.0/3.0x8.0/4.0x6.0/4.0x10.0 steel/steel 3.0x6.0 mm.

Ident No. 038 assortment Nietbox with manual blind riveting pliers Model NTX in steel sheet case. With 12 blind rivet dimensions alu/steel 3.0x8.0/3.0x10.0/3.0x12.0/4.0x5.0/4.0x6.0/4.0x8.0/4.0x10.0/4.0x12.0 copper/steel 3.0x6.0/4.0x6.0 mm steel/steel 3.0x5.0/3.0x7.0 mm.



Ident. No. 035



Ident. No. 036



Ident. No. 037



Ident. No. 038

Model	Type	Nietboy	Flipper box	Junior rivet box	Rivet box
Riveting tongs included		NTS	Flipper	NTX	NTX
53195	Ident. No.	035	036	037	038
Set price	€	O. R.	-	O. R.	O. R.
Unit price	€	-	O. R.	-	-

Prod. Gr. 561

GESIPA® Pneumatic-hydraulic blind rivet riveting tools
Design:

Ident No. 040 pneumatic cylinder from alu die casting. Hydraulic head from alu. The pistons are hardened and hard-chromed. Low-noise pneumatic switching, simple, almost trouble-free valve construction.



Model PH 2



Taurus 1



Taurus 2 and 3



Taurus 4

Model	PH 2	Taurus 1	Taurus 2	Taurus 3	Taurus 4
Operating pressure	bar	6	5 to 7	5 to 7	5 to 7
Working range (all materials)	Ømm	3 to 5	2,4 to 4	4 to 6	4,8 to 8
Air consumption	Litres per rivet	1,2-1,8	1,0	2,3	4,8
Working stroke	mm	15	15	18	19
Riveting force	N at 5 bar	7375	4200	9000	14000
Weight	Kg	1,3	1,3	1,6	2,0
53195	Ident. No.	040	054	055	057
Unit price	€	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 561

GESIPA® Electromechanical blind riveters AccuBird and PowerBird

Design: electromechanical, 14.4 V, wireless, with Li-ion rechargeable battery.

Delivery:

Blind riveter, quick-change rechargeable battery 14.4 V, quick-charger 230 V/50 Hz, with change-over nose piece and installation key in steel sheet metal case.



AccuBird

PowerBird

Model	AccuBird	PowerBird
Working stroke	mm	20
Blind rivets (all materials)	Ømm	2,4 to 5
Riveting force	N at 5 bar	8500
Weight with storage battery	Kg	2,0
53195 Blind riveter, complete	Ident. No.	061
Unit price	€	O. R.
53195 Spare rechargeable battery 1.3 / 2.6 Ah	Ident. No.	071
Unit price	€	O. R.
53195 Spare charger for 14.4 V Li-ion batteries	Ident. No.	080
Unit price	€	O. R.
53195 Universal nosepiece	Ident. No.	270
Unit price	€	O. R.

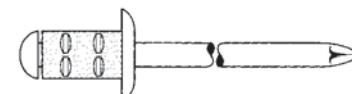
Prod. Gr. 561

GESIPA® Multi-range blind rivets Poly-Grip
all-steel, flat round-nose

Box qty.: see Table

Ø x shank length	mm	3,2 x 8	3,2 x 11	4 x 10	4 x 13	4,8 x 10	4,8 x 17	6,4 x 15	6,4 x 20
Material thickness capable of being riveted	mm	0,5-5	3-8	0,5-6,5	3,5-9,5	0,5-6,5	6,5-13	1,5-9,0	6-14
Packed set	Unit	1000	1000	500	500	500	500	250	250
53195	Ident. No.	160	165	170	175	180	185	190	195
Price/pack	€	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 561



GESIPA® Blind rivet nut hand tools

Simple stroke setting through knurled nut with stroke scale – safe and complete setting of the blind rivet nut. Fast changing of the mandrels without tool.

FireFly model: threaded mandrel M5, mouthpiece, user manual and lifting table.

Model GBM 10: M5 mandrel, nosepiece, maintenance guide, spare parts list, stroke table.

Delivery:

Model GBM 30: M6 mandrel, nosepiece, maintenance guide, spare parts list, stroke table.

Model		FireFly	GBM 10	GBM 30
Suitable for aluminium	Until	M3-M6	M6	–
Suitable for steel, brass, stainless steel	Until	M3-M6	M5	–
Suitable for all materials	From	–	–	M3-M10
Overall length	mm	220	260	470
Weight	Kg	0,75	0,600	1,8
53195	Blind rivet nut hand tool	Ident. No.	280	300
Unit price	€	O. R.	O. R.	O. R.

Prod. Gr. 561



Model FireFly



Model GBM 10



Model GBM 30

GESIPA® Mandrels and nosepieces

accessory for blind rivet nut hand devices No. 53195 280 to 350

for model Firefly				For model GBM 10				For model GBM 30			
Mandrel		Nosepiece		Mandrel		Nosepiece		Mandrel		Nosepiece	
53195		53195		53195		53195		53195		53195	
Ident. No.	U. pr. €	Ident. No.	U. pr. €	Ident. No.	U. pr. €	Ident. No.	U. pr. €	Ident. No.	U. pr. €	Ident. No.	U. pr. €
M3	281	O. R.	285	O. R.	–	–	–	–	–	–	–
M4	282	O. R.	286	O. R.	304	O. R.	314	O. R.	–	–	–
M5	283	O. R.	287	O. R.	305	O. R.	315	O. R.	325	O. R.	335
M6	284	O. R.	288	O. R.	306	O. R.	316	O. R.	326	O. R.	336
M8	–	–	–	–	–	–	–	–	328	O. R.	338
M10	–	–	–	–	–	–	–	–	330	O. R.	340

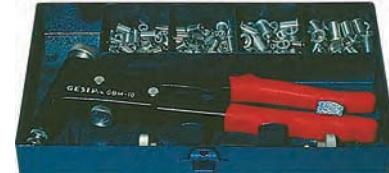
Prod. Gr. 561

GESIPA® Blind rivet nut kit

Consisting of: blind rivet nut hand tool model GBM 10 with M5 mandrel and nosepiece and additional M4 and M6 mandrels and nosepiece. Various sizes of aluminium blind rivet nuts M4-M6 for rivetable material thickness of 0.25-3 mm, in sheet steel box.

53195	Blind rivet nut kit	Ident. No.	350
Unit price		€	O. R.

Prod. Gr. 561



GESIPA® Battery blind rivet nut setting tool FireBird

Design:

14.4 V, wireless, with Li-ion rechargeable battery. For the flexible application in assembly area and in the industrial production. Fatigue-free working through balanced position of centre of gravity and convenient grip, simple stroke setting.

Delivery: Blind rivet nut tool, quick-charger and storage battery plus M4, M5, M6 mandrels and nosepieces, in steel case.

Working area	From	M3-M10							
Riveting force: steel up to M 8, aluminium up to M 10	N	13000							
Weight	Kg	2,1							
53195	Blind rivet nut tool	Ident. No.	401						
Unit price	€	O. R.	O. R.						
53195	Spare rechargeable battery 1.3 / 2.6 Ah	Ident. No.	071	–	M3	M4	M5	M6	
Unit price	€	O. R.	–	–	–	–	–	–	
53195	Spare charger for 14.4 V Li-ion batteries	Ident. No.	080	–	–	–	–	–	
Unit price	€	O. R.	–	–	–	–	–	–	
53195	Mandrel	Ident. No.	–	420	421	422	423	424	425
Unit price	€	–	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.
53195	Nosepiece	Ident. No.	–	426	427	428	429	430	431
Unit price	€	–	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.	O. R.

Prod. Gr. 561

